



**Raúl González Domínguez**

Generated from: Editor CVN de FECYT

Date of document: 03/03/2026

**v 1.4.3**

e5bccd5690a6828fd00f3671326caedb

This electronic file (PDF) has embedded CVN technology (CVN-XML). The CVN technology of this file allows you to export and import curricular data from and to any compatible data base. List of adapted databases available at: <http://cvn.fecyt.es/>

## Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

**Complete CV at: <https://cvn.fecyt.es/0000-0002-7640-8833>**

**Academic/Professional Background.** Degree in Chemistry with honors in 2010 (9.44/10, "Premio Extraordinario Fin de Carrera") and cum laude PhD in Chemistry in 2015 (International Mention, "Premio Extraordinario de Doctorado") at University of Huelva (Spain). Along my scientific career, I have been recipient of 7 pre- and postdoctoral grants funded by some of the most competitive Spanish programs for training and recruiting excellence researchers, securing ca. 650k €. During my predoctoral stage, I obtained 4 grants for initiation in research ("Beca de Colaboración" - MEC) and for completing my PhD studies (FPI & FPU). Then, I moved to University of Barcelona under the "Juan de la Cierva" post-doctoral program (JdC-F, 2017-2019; JdC-I, 2020-2021). In 2022, I joined Instituto de Investigación e Innovación Biomédica de Cádiz (INIBICA) as a "Miguel Servet" researcher. Currently, I am the Principal Investigator of the "Metabolomics & Bioanalysis" group and Head of the "Metabolomics Research Unit" at INIBICA.

**Scientific Activity.** My research interests are focused on the development of state-of-the-art omics approaches (i.e., metabolomics & metallomics) and further application in biomedicine, nutrition, and food science. In particular, I have contributed to the development of bioanalytical key methods employed worldwide for characterizing the role of the gut microbiota, nutrition, and other sources of exposure (i.e., the exposome) in health status, and to unravel the influence of interindividual variability factors in the context of precision medicine. Using these methods in population-based cohorts, clinical trials, and animal models, I have great experience in investigating the molecular mechanisms and risk factors behind the onset and progression of a variety of cardiometabolic and neurological diseases. Despite my young career age, I am an author of 109 JCR articles (30 D1, 72 Q1), 13 book chapters, and editor of 3 books. Active participation in scientific conferences (86/67 contributions in International/National conferences). Researcher in 19 International Projects (JPI-HDHL, EIT-Health, COST) and 30 National Projects (MCIN, ISCIII) funded through competitive calls, and in 7 R +D contracts with public and private entities. Recognized among the most influential researchers according to the "World's Top 2% Scientists" ranking (Stanford University) since 2020. Quality Indicators: h-index: 37; Total cites: 4282 (Scopus).

**Transfer / Valorization Activity.** Author of one Utility Model (Oficina Española de Patentes y Marcas), co-developer of two open-access software tools (FOBI, POMA), and coauthor of a business plan in the framework of an EIT project (NOFIB). In the context of the Responsible Research and Innovation (RRI) initiative, I have also transferred my research to the overall society by participating in outreach events ("European Researchers' Night", "Semana de la Ciencia"), in the form of interviews in communication media (Fundación Descubre), and scientific dissemination articles.

**Mobility / International Activity.** Researcher in 19 International Projects (PI in COST Action CA21139), co-PI of one R+D EU contract, and member of various cooperation networks (COST, MetaboRed, RICORS-SAMID). Furthermore, I have conducted 10 research stays at national and international prestigious centers for a total of 28 months



(e.g., Chalmers University of Technology, Aberystwyth University, CEMBIO). Because of this collaborative experience, I have coauthored 43 publications with international colleagues.

**Leadership.** My leadership is reflected in the authorship of most of my scientific production as the first (55) or senior/corresponding (58) author, and the direction of 3 Doctoral Thesis (in progress), 19 “End-of-Master”, 29 “End-of-Course”, and 3 Erasmus + projects. Furthermore, I have been the PI of 6 National Projects, 2 R+D contracts, and Management Committee Member of one COST Action (secured ca. 750k €). In this sense, I have also demonstrated my ability to attract resources for hiring (pre/postdoctoral researchers) and for supporting my research activities (open access, mobility) (ca. 450k €). Because of this solid background, I have been invited to be a speaker in scientific conferences, member of 10 editorial boards (BMC Med, JPA, Antioxidants), reviewer/editor for JCR journals (>175/>50), and project evaluator for competitive funding entities. Moreover, I am recipient of multiple prizes/mentions: BBA Rising Star 2024, Metabolites Young Investigator 2024, Investigador Joven FEXP-UHU 2021, JAFC Article of the Year 2021, Joven Investigador GRASEQA 2016.

**Teaching.** Active participation in university theoretical/practical teaching from 2012 to date (>700 h, complying with incompatibility limitations established by R+D scholarships I obtained), 5 Teaching Innovation Projects, teaching training (>200 h), and divulgation activities.

## General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

### Scientific Production

- 109 JCR Articles. 30 D1 (15 as first/senior/corresponding author), 72 Q1 (40 as first/senior/corresponding author), 32 Q2 (25 as first/senior/corresponding author)
- 13 Book Chapters (author), 3 Books (editor)
- Publications as first author: 55, Publications as senior/corresponding author: 58
- Quality Indicators. h-index: 36/37 (WoS/Scopus); Total cites: 3912/4282 (WoS/Scopus)

### R&D Projects and Contracts

- Researcher in 30 National Research Projects
  - Principal Investigator of 4 Research Projects funded by "Instituto de Salud Carlos III"
  - Principal Investigator of 1 Research Project funded by "Consejería de Salud y Consumo" (Junta de Andalucía)
  - Principal Investigator of 1 Research Project funded by FCADIZ
- Researcher in 19 International Research Projects
  - Member of the Management Committee of one European Project (COST Action CA21139)
- Researcher in 7 R&D contracts
  - Co-Principal Investigator of two R&D contracts with National (Laboratorios Ordesa) and International (Justus Liebig University Giessen) entities

### Industrial Property

- Patents: 1
- Software creation: FOBI, POMA
- Business plan for spin-off company: Nutrition Optimised by Food Intake Biomarkers (NOFIB)

### Contributions to Scientific Conferences

- International conferences. Oral Communications: 20; Posters: 53; Electronic Communications: 13
- National conferences. Oral Communications: 14; Posters: 52; Web Communications: 1

### Direction of Research Projects

- Doctoral Thesis: 3
- End-of-Master Projects ("Trabajos Fin de Master"): 19



- End-of-Course Projects ("Trabajos Fin de Grado"): 29
- Erasmus+ Research Projects: 3

**Raúl González Domínguez**

Surname(s): **González Domínguez**  
 Name: **Raúl**  
 ORCID: **0000-0002-7640-8833**  
 ScopusID: **55037277900**  
 ResearcherID: **E-5125-2016**  
 Date of birth: **16/06/1987**  
 Gender: **Male**  
 Nationality: **Spain**  
 Country of birth: **Spain**  
 Email: **raul.gonzalez@inibica.es**  
 Personal web page: **<https://www.researchgate.net/profile/Raul-Gonzalez-Dominguez>**

**Current professional situation**

**Employing entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ

**Department:** Metabolomics & Bioanalysis, Instituto de Investigación e Innovación Biomédica de Cádiz (INIBICA)

**Professional category:** "Miguel Servet" Researcher (CP21/00120) **Leadership and management (Y/N):** Yes

**City employing entity:** Cádiz, Andalucía, Spain

**Phone:** (+34) 695615310

**Start date:** 03/01/2022

**Type of contract:** Permanent employment contract **Dedication regime:** Full time

**Identify key words:** Mass spectrometry; Molecular mechanism of disease

**Previous positions and activities**

	<b>Employing entity</b>	<b>Professional category</b>	<b>Start date</b>
<b>1</b>	Universidad de Huelva	Postdoctoral Researcher (invited)	25/10/2021
<b>2</b>	Universitat de Barcelona	"Juan de la Cierva - Incorporación" Postdoctoral Researcher (IJC2019-041867-I)	01/12/2020
<b>3</b>	Universitat de Barcelona	Postdoctoral Researcher	15/06/2020
<b>4</b>	Universitat de Barcelona	Postdoctoral Researcher (JPI-EU project)	15/09/2019
<b>5</b>	Universitat de Barcelona	"Juan de la Cierva - Formación" Postdoctoral Researcher (FJCI-2015-26590)	28/05/2017
<b>6</b>	Universitat de Barcelona	Postdoctoral Researcher (EIT-Health EU project)	15/06/2016
<b>7</b>	FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ	Postdoctoral Researcher (invited)	22/02/2016

	Employing entity	Professional category	Start date
8	Centro de Las Nuevas Tecnologías del Agua	R+D Researcher	10/06/2015
9	Universidad de Huelva	Predoctoral Researcher ("Formación de Profesorado Universitario - FPU" grant)	01/05/2012
10	Universidad de Huelva	Predoctoral Researcher ("Formación de Personal Investigador - FPI" Grant)	04/01/2011
11	Universidad de Huelva	"Becario de Colaboración" Fellowship (Master Ciencia y Tecnología Química)	20/09/2010
12	Universidad de Huelva	Associate Researcher	01/12/2006
13	Universidad de Huelva	"Becario de Colaboración en Departamentos Universitarios" Fellowship (Ministerio de Educación)	01/07/2009
14	Universidad de Huelva	Intern Student ("Alumno Interno" Fellowship)	30/11/2008

- 1** **Employing entity:** Universidad de Huelva      **Type of entity:** University  
**City employing entity:** Huelva, Andalucía, Spain  
**Professional category:** Postdoctoral Researcher (invited)  
**Start-End date:** 25/10/2021 - 26/12/2021      **Duration:** 2 months - 2 days  
**Type of contract:** Associate Research  
**Dedication regime:** Full time  
**Performed tasks:** Development of metabolomics approaches for the characterization of polyphenols in food and biological matrices
- 2** **Employing entity:** Universitat de Barcelona      **Type of entity:** University  
**City employing entity:** Barcelona, Cataluña, Spain  
**Professional category:** "Juan de la Cierva - Incorporación" Postdoctoral Researcher (IJC2019-041867-I)  
**Start-End date:** 01/12/2020 - 19/10/2021      **Duration:** 10 months - 19 days  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)  
**Dedication regime:** Full time  
**Performed tasks:** Development of metabolomics-based exposome approaches and application in epidemiological studies related to nutrition and health  
**Applicability in teaching and/or research:** Teaching in the Degree of Pharmacy, supervision of "End-of-Course" and "End-of-Master" research projects
- 3** **Employing entity:** Universitat de Barcelona      **Type of entity:** University  
**City employing entity:** Barcelona, Cataluña, Spain  
**Professional category:** Postdoctoral Researcher  
**Start-End date:** 15/06/2020 - 30/11/2020      **Duration:** 5 months - 15 days  
**Type of contract:** Temporary employment contract  
**Dedication regime:** Full time  
**Performed tasks:** Development of metabolomics-based exposome approaches and application in epidemiological studies related to nutrition and health  
**Applicability in teaching and/or research:** Teaching in the Degree of Pharmacy, supervision of "End-of-Course" and "End-of-Master" research projects
- 4** **Employing entity:** Universitat de Barcelona      **Type of entity:** University  
**City employing entity:** Barcelona, Cataluña, Spain  
**Professional category:** Postdoctoral Researcher (JPI-EU project)  
**Start-End date:** 15/09/2019 - 14/06/2020      **Duration:** 9 months



**Type of contract:** Temporary employment contract

**Dedication regime:** Full time

**Performed tasks:** Development of metabolomics-based exposome approaches and application in epidemiological studies related to nutrition and health

**Applicability in teaching and/or research:** Teaching in the Degree of Pharmacy, supervision of "End-of-Course" and "End-of-Master" research projects

- 5** **Employing entity:** Universitat de Barcelona **Type of entity:** University  
**City employing entity:** Barcelona, Cataluña, Spain  
**Professional category:** "Juan de la Cierva - Formación" Postdoctoral Researcher (FJCI-2015-26590)

**Start-End date:** 28/05/2017 - 23/08/2019 **Duration:** 2 years - 2 months - 27 days

**Type of contract:** Grant-assisted student (pre or post-doctoral, others)

**Dedication regime:** Full time

**Performed tasks:** Development of metabolomics-based exposome approaches and application in epidemiological studies related to nutrition and health

**Applicability in teaching and/or research:** Teaching in the Degree of Pharmacy, supervision of "End-of-Course" and "End-of-Master" research projects

- 6** **Employing entity:** Universitat de Barcelona **Type of entity:** University  
**City employing entity:** Barcelona, Cataluña, Spain  
**Professional category:** Postdoctoral Researcher (EIT-Health EU project)  
**Start-End date:** 15/06/2016 - 27/05/2017 **Duration:** 11 months - 13 days

**Type of contract:** Temporary employment contract

**Dedication regime:** Full time

**Performed tasks:** Development of metabolomics-based exposome approaches and application in epidemiological studies related to nutrition and health

**Applicability in teaching and/or research:** Teaching in the Degree of Pharmacy, supervision of "End-of-Course" and "End-of-Master" research projects

- 7** **Employing entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Professional category:** Postdoctoral Researcher **Leadership and management (Y/N):** Yes (invited)

**Start-End date:** 22/02/2016 - 20/03/2016 **Duration:** 1 month

**Type of contract:** Temporary employment contract

**Dedication regime:** Full time

**Performed tasks:** Coordination of theoretical and practical teaching to professors from the University of Cádiz in the use of methodologies based on metabolomics and its application in Biomedical Research.

- 8** **Employing entity:** Centro de Las Nuevas Tecnologías del Agua **Type of entity:** R&D Centre  
**Professional category:** R+D Researcher  
**Start-End date:** 10/06/2015 - 31/10/2015 **Duration:** 4 months - 21 days

**Type of contract:** Temporary employment contract

**Dedication regime:** Full time

**Applicability in teaching and/or research:** Development of analytical methodologies based on the coupling of gas and liquid chromatography with ICP-MS detector for metal speciation (arsenic, selenium, chromium, tin and mercury) in sewage waters.



- 9** **Employing entity:** Universidad de Huelva **Type of entity:** University  
**City employing entity:** Huelva, Andalucía, Spain  
**Professional category:** Predoctoral Researcher ("Formación de Profesorado Universitario - FPU" grant)  
**Start-End date:** 01/05/2012 - 03/01/2015 **Duration:** 2 years - 8 months - 3 days  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)  
**Dedication regime:** Full time  
**Performed tasks:** Development of metabolomics and metallomics approaches for studying Alzheimer's disease  
**Applicability in teaching and/or research:** Teaching in the Degrees of Chemistry and Environmental Sciences, supervision of "End-of-Course" and "End-of-Master" research projects
- 10** **Employing entity:** Universidad de Huelva **Type of entity:** University  
**City employing entity:** Huelva, Andalucía, Spain  
**Professional category:** Predoctoral Researcher ("Formación de Personal Investigador - FPI" Grant)  
**Start-End date:** 04/01/2011 - 30/04/2012 **Duration:** 1 year - 3 months - 27 days  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)  
**Dedication regime:** Full time  
**Performed tasks:** Development of metabolomics and metallomics approaches for studying Alzheimer's disease  
**Applicability in teaching and/or research:** Teaching in the Degrees of Chemistry and Environmental Sciences, supervision of "End-of-Course" and "End-of-Master" research projects
- 11** **Employing entity:** Universidad de Huelva **Type of entity:** University  
**Department:** Departamento de Química y Ciencias de los Materiales "Profesor José Carlos Vílchez Martín", Facultad de Ciencias Experimentales  
**City employing entity:** Huelva, Andalucía, Spain  
**Professional category:** "Becario de Colaboración" Fellowship (Master Ciencia y Tecnología Química)  
**Start-End date:** 20/09/2010 - 03/01/2011 **Duration:** 3 months - 15 days  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)  
**Performed tasks:** Monitoring and evaluation of postgraduate studies developed within the framework of the European Higher Education Area (EHEA)
- 12** **Employing entity:** Universidad de Huelva **Type of entity:** University  
**Department:** Departamento de Química y Ciencias de los Materiales "Profesor José Carlos Vílchez Martín", Facultad de Ciencias Experimentales  
**City employing entity:** Huelva, Andalucía, Spain  
**Professional category:** Associate Researcher  
**Start-End date:** 01/12/2006 - 15/10/2010 **Duration:** 3 years - 9 months - 15 days  
**Type of contract:** Undergraduate Student  
**Performed tasks:** Initiation in research
- 13** **Employing entity:** Universidad de Huelva **Type of entity:** University  
**Department:** Departamento de Química y Ciencias de los Materiales "Profesor José Carlos Vílchez Martín", Facultad de Ciencias Experimentales  
**City employing entity:** Huelva, Andalucía, Spain  
**Professional category:** "Becario de Colaboración en Departamentos Universitarios" Fellowship (Ministerio de Educación)



**Start-End date:** 01/07/2009 - 30/06/2010      **Duration:** 1 year  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)  
**Performed tasks:** Initiation in research

- 14** **Employing entity:** Universidad de Huelva      **Type of entity:** University  
**Department:** Departamento de Química y Ciencias de los Materiales “Profesor José Carlos Vílchez Martín”, Facultad de Ciencias Experimentales  
**City employing entity:** Huelva, Andalucía, Spain  
**Professional category:** Intern Student ("Alumno Interno" Fellowship)  
**Start-End date:** 30/11/2008 - 30/06/2009      **Duration:** 7 months  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)  
**Performed tasks:** Initiation in research



## Education

### University education

#### 1st and 2nd cycle studies and pre-Bologna degrees

**University degree:** Higher degree  
**Name of qualification:** Degree in Chemistry  
**City degree awarding entity:** Huelva, Spain  
**Degree awarding entity:** Universidad de Huelva      **Type of entity:** University  
**Date of qualification:** 21/02/2011  
**Average mark:** Excellent  
**Prize:** Special award for degree

#### Doctorates

**Doctorate programme:** PhD in Chemistry (Ciencia y Tecnología Química)  
**Degree awarding entity:** Universidad de Huelva      **Type of entity:** University  
**City degree awarding entity:** Huelva, Spain  
**Date of degree:** 28/04/2015  
**European doctorate:** Yes      **Date of certificate:** 28/04/2015  
**Thesis title:** Desarrollo de métodos analíticos metabolómicos y metalómicos para el estudio de la enfermedad de Alzheimer. Diseño de nuevos biomarcadores químicos de diagnosis.  
**Thesis director:** José Luis Gómez Ariza  
**Thesis co-director:** Tamara García Barrera  
**Obtained qualification:** Sobresaliente Cum laude (por unanimidad)  
**Recognition of quality:** Yes  
**Special doctorate award:** Yes      **Date of award:** 06/02/2017

#### Other postgraduate university studies

- 1 Type of education:** Masters  
**Postgraduate qualification:** Máster en Ciencia y Tecnología Química  
**City degree awarding entity:** Huelva, Spain  
**Degree awarding entity:** Universidad de Huelva      **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias Experimentales  
**Date of qualification:** 20/10/2011  
**Obtained qualification:** 9.1
- 2 Type of education:** Postgraduate  
**Postgraduate qualification:** Técnicas Analíticas para la Especiación de Elementos Traza. Metodologías, Aplicaciones y Normativas  
**City degree awarding entity:** Huelva, Spain  
**Degree awarding entity:** Universidad de Huelva      **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias Experimentales



**Date of qualification:** 09/09/2010

**Obtained qualification:** 9.00

### Specialised, lifelong, technical, professional and refresher training (other than formal academic and healthcare studies)

- 1 Training title:** Factores de éxito en Horizon Europe: Impacto, género y open science  
**Awarding entity:** Euradia International  
**End date:** 18/12/2024 **Duration in hours:** 8 hours
- 2 Training title:** Fundamentos de Innovación Biosanitaria para Profesionales del SNS e IIS  
**Awarding entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**End date:** 16/10/2024 **Duration in hours:** 6 hours
- 3 Training title:** Workshop: Advancing Toward Consensus in Best QA/QC Practices for Untargeted Metabolomics: mQACC Community  
**Awarding entity:** Sociedad Española de Metabolómica  
**End date:** 03/06/2024 **Duration in hours:** 3 hours
- 4 Training title:** Gestión de Datos de Investigación y Planes de Gestión de Datos (Para Investigadores)  
**Awarding entity:** Escuela Nacional de Sanidad  
**End date:** 02/06/2024 **Duration in hours:** 10 hours
- 5 Training title:** Pautas y estrategias para desarrollar de manera eficiente tu CV narrativo  
**Awarding entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**End date:** 12/04/2024 **Duration in hours:** 2 hours
- 6 Training title:** Prevención de riesgos en puestos de laboratorio  
**Awarding entity:** Quirón Prevención  
**End date:** 06/06/2023 **Duration in hours:** 2 hours
- 7 Training title:** 1st Euro - Geroscience Conference  
**Awarding entity:** Fundación GADEA  
**End date:** 14/09/2019 **Duration in hours:** 16 hours
- 8 Training title:** Lipidomics Seminar  
**Awarding entity:** AB Sciex  
**End date:** 29/10/2018
- 9 Training title:** 52nd Annual Scientific Meeting of the European Society for Clinical Investigation  
**Awarding entity:** European Society for Clinical Investigation  
**End date:** 01/06/2018 **Duration in hours:** 19 hours
- 10 Training title:** Riscos a la feina en laboratoris (Riesgos en el trabajo en laboratorios)  
**Awarding entity:** Fundación Bosch i Gimpera  
**End date:** 08/07/2016 **Duration in hours:** 2 hours
- 11 Type of training:** Course  
**Training title:** Formación de Laboratorios  
**Awarding entity:** Servicio de Prevención ANTEA S.A. **Type of entity:** Business



**End date:** 19/10/2015

**Duration in hours:** 2 hours

**12 Type of training:** Course

**Training title:** Software de análisis bioestadístico multivariante y multi-ómico Mass Profiler Profesional

**City awarding entity:** Madrid, Madrid, Comunidad de, Spain

**Awarding entity:** Agilent Technologies

**Type of entity:** Business

**End date:** 15/05/2013

**Duration in hours:** 7 hours

**13 Type of training:** Course

**Training title:** Espectrometría de Masas

**City awarding entity:** Madrid, Madrid, Comunidad de, Spain

**Awarding entity:** Universidad San Pablo CEU

**Type of entity:** University

**End date:** 23/04/2013

**Duration in hours:** 12 hours

**14 Type of training:** Seminario

**Training title:** Biología Integrada

**City awarding entity:** Madrid, Madrid, Comunidad de, Spain

**Awarding entity:** Agilent Technologies

**Type of entity:** Business

**End date:** 14/03/2013

**15 Type of training:** Seminario

**Training title:** La metabolómica: una -ómica clave en la investigación biomédica

**City awarding entity:** Madrid, Madrid, Comunidad de, Spain

**Awarding entity:** Agilent Technologies

**Type of entity:** Business

**End date:** 19/06/2012

**16 Type of training:** Seminario

**Training title:** La metabolómica: una -ómica clave en la investigación biomédica

**City awarding entity:** Barcelona, Cataluña, Spain

**Awarding entity:** Agilent Technologies

**Type of entity:** Business

**End date:** 13/12/2011

**17 Type of training:** Seminario

**Training title:** Avances en Química Instrumental

**City awarding entity:** Huelva, Andalucía, Spain

**Awarding entity:** Agilent Technologies

**Type of entity:** Business

**End date:** 09/11/2011

**18 Type of training:** Course

**Training title:** Integración de conceptos y tecnologías modernas a la problemática del cáncer

**City awarding entity:** Huelva, Andalucía, Spain

**Awarding entity:** Universidad Internacional de Andalucía

**Type of entity:** University

**End date:** 29/07/2011

**Duration in hours:** 20 hours

**19 Type of training:** Course

**Training title:** Outdoor Training - Habilidades Directivas

**Awarding entity:** Universidad de Huelva

**Type of entity:** University

**End date:** 29/04/2011



- 20** **Type of training:** Seminario  
**Training title:** VIII Seminario permanente de la Facultad de Ciencias Experimentales  
**Awarding entity:** Universidad de Huelva **Type of entity:** University  
**End date:** 15/07/2009 **Duration in hours:** 30 hours
- 21** **Type of training:** Practical work  
**Training title:** Alumno Interno en el Departamento Universitario "Química y Ciencias de los Materiales" (2008/2009)  
**Awarding entity:** Universidad de Huelva **Type of entity:** University  
**End date:** 13/07/2009 **Duration in hours:** 300 hours
- 22** **Type of training:** Seminario  
**Training title:** Foro Internacional de Proteínas. Salud, alimentos y medioambiente  
**City awarding entity:** Huelva, Andalucía, Spain  
**Awarding entity:** Universidad de Huelva **Type of entity:** University  
**End date:** 13/06/2008

### Attended advanced, improvement and innovative teacher training and new technology courses and seminars focused on improving teaching

- 1** **Title of course/seminar:** Desarrollo de competencias docentes  
**Organising entity:** Instituto Cervantes  
**Duration in hours:** 12 hours  
**End date:** 30/09/2018
- 2** **Title of course/seminar:** Entornos virtuales de aprendizaje: entre la presencialidad y la virtualidad  
**Organising entity:** Universidad Nacional del Nordeste  
**Duration in hours:** 20 hours  
**End date:** 15/08/2018
- 3** **Title of course/seminar:** Flip Teaching: una metodología activa  
**Organising entity:** Universidad Politécnica de Madrid  
**Duration in hours:** 35 hours  
**End date:** 17/04/2018
- 4** **Title of course/seminar:** Actividades del Aula de Formación del Profesorado de la Facultad de Farmacia (2017): Ciclo Docencia Universitaria y Actuación Docente del Profesorado  
**Organising entity:** Universitat de Barcelona  
**Duration in hours:** 6 hours  
**Start-End date:** 14/03/2017 - 20/12/2017
- 5** **Title of course/seminar:** Introducción a la gamificación a través de casos prácticos  
**Organising entity:** Universitat Oberta de Catalunya  
**Duration in hours:** 20 hours  
**Start-End date:** 08/09/2017 - 01/10/2017
- 6** **Title of course/seminar:** Didáctica de la Química Preuniversitaria  
**Organising entity:** Universidad de Navarra **Type of entity:** University  
**Duration in hours:** 36 hours  
**Start-End date:** 23/04/2017 - 17/07/2017



- 7** **Title of course/seminar:** Actividades del Aula de Formación del Profesorado de la Facultad de Farmacia (2017): Ciclo Gestión y Docencia Universitaria  
**Organising entity:** Universitat de Barcelona  
**Duration in hours:** 4 hours  
**Start-End date:** 15/03/2017 - 11/07/2017
- 8** **Title of course/seminar:** Introducción a un mundo virtual 3D, Second Life, como entorno de formación universitario  
**Organising entity:** Universidad de Huelva **Type of entity:** University  
**Duration in hours:** 8 hours  
**Start-End date:** 06/06/2016 - 07/06/2016
- 9** **Title of course/seminar:** El podcast como recurso didáctico en la enseñanza universitaria  
**Organising entity:** Universidad de Huelva **Type of entity:** University  
**Duration in hours:** 30 hours  
**Start-End date:** 01/06/2016 - 02/06/2016
- 10** **Title of course/seminar:** Herramientas digitales para el trabajo colaborativo  
**Organising entity:** Universidad de Huelva **Type of entity:** University  
**Duration in hours:** 30 hours  
**Start-End date:** 18/04/2016 - 05/05/2016
- 11** **Title of course/seminar:** Academic English and Teacher-Produced materials  
**Organising entity:** Universidad de Huelva **Type of entity:** University  
**Duration in hours:** 20 hours  
**Start-End date:** 20/04/2016 - 28/04/2016
- 12** **Title of course/seminar:** Gestión de Proyectos  
**Organising entity:** Universidad de Huelva **Type of entity:** University  
**Duration in hours:** 20 hours  
**Start-End date:** 25/04/2016 - 27/04/2016

## Teaching experience

### General teaching experience

- 1** **Type of teaching:** Official teaching  
**Name of the course:** Prácticas Externas  
**Type of programme:** Master's degree  
**Type of subject:** Obligatory  
**University degree:** Máster Universitario en Condicionantes Genéticos Nutricionales y Ambientales del Crecimiento y Desarrollo  
**Start date:** 2023 **End date:** 2024  
**Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 110  
**Entity:** Universidad de Granada **Type of entity:** University  
**Subject language:** Spanish



- 2** **Type of teaching:** Official teaching  
**Name of the course:** Trabajo Fin de Máster  
**Type of programme:** Master's degree  
**Type of subject:** Obligatory  
**University degree:** Máster Universitario en Condicionantes Genéticos Nutricionales y Ambientales del Crecimiento y Desarrollo  
**Start date:** 2023 **End date:** 2024  
**Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 3,75  
**Entity:** Universidad de Granada **Type of entity:** University  
**Subject language:** Spanish
- 3** **Type of teaching:** Official teaching  
**Name of the course:** Nutrición y Bromatología  
**Type of programme:** Grado **Type of teaching:** Laboratory work  
**Type of subject:** Obligatory  
**University degree:** Grado en Farmacia  
**Course given:** 3  
**Start date:** 2020 **End date:** 2021  
**Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 80  
**Entity:** Universitat de Barcelona **Type of entity:** University  
**Faculty, institute or centre:** Facultat de Farmacia  
**Department:** Departamento de Nutrición, Ciencias de la Alimentación y Gastronomía  
**Subject language:** Spanish
- 4** **Type of teaching:** Official teaching  
**Name of the course:** Trabajo Fin de Máster  
**Type of programme:** Master's degree  
**Type of subject:** Obligatory  
**University degree:** Máster Universitario en Condicionantes Genéticos Nutricionales y Ambientales del Crecimiento y Desarrollo  
**Start date:** 2020 **End date:** 2021  
**Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 3,75  
**Entity:** Universidad de Granada **Type of entity:** University  
**Subject language:** Spanish
- 5** **Type of teaching:** Official teaching  
**Name of the course:** Trabajo Fin de Máster  
**Type of programme:** Master's degree  
**Type of subject:** Obligatory  
**University degree:** Máster en Desarrollo e Innovación de Alimentos  
**Start date:** 2019 **End date:** 2020  
**Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 16  
**Entity:** Universitat de Barcelona **Type of entity:** University  
**Faculty, institute or centre:** Facultat de Farmacia  
**Department:** Departamento de Nutrición, Ciencias de la Alimentación y Gastronomía  
**Subject language:** Spanish



**6** **Type of teaching:** Official teaching  
**Name of the course:** Nutrición y Bromatología  
**Type of programme:** Grado **Type of teaching:** Laboratory work  
**Type of subject:** Obligatory  
**University degree:** Grado en Farmacia  
**Course given:** 3  
**Start date:** 2019 **End date:** 2020  
**Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 68  
**Entity:** Universitat de Barcelona **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Farmacia  
**Department:** Departamento de Nutrición, Ciencias de la Alimentación y Gastronomía  
**Subject language:** Spanish

**7** **Type of teaching:** Official teaching  
**Name of the course:** Nutrición y Bromatología  
**Type of programme:** Grado **Type of teaching:** Laboratory work  
**Type of subject:** Obligatory  
**University degree:** Grado en Farmacia  
**Course given:** 3  
**Start date:** 2018 **End date:** 2019  
**Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 80  
**Entity:** Universitat de Barcelona **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Farmacia  
**Department:** Departamento de Nutrición, Ciencias de la Alimentación y Gastronomía  
**Subject language:** Spanish

**8** **Type of teaching:** Official teaching  
**Name of the course:** Nutrición y Bromatología  
**Type of programme:** Grado **Type of teaching:** Laboratory work  
**Type of subject:** Obligatory  
**University degree:** Grado en Farmacia  
**Course given:** 3  
**Start date:** 2017 **End date:** 2018  
**Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 68  
**Entity:** Universitat de Barcelona **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Farmacia  
**Department:** Departamento de Nutrición, Ciencias de la Alimentación y Gastronomía  
**Subject language:** Spanish

**9** **Type of teaching:** Official teaching  
**Name of the course:** Trabajo Fin de Máster  
**Type of programme:** Master's degree  
**Type of subject:** Obligatory  
**University degree:** Máster en Desarrollo e Innovación de Alimentos  
**Start date:** 2016 **End date:** 2017  
**Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 32





**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultad de Farmacia  
**Department:** Departamento de Nutrición, Ciencias de la Alimentación y Gastronomía  
**Subject language:** Spanish

**Type of entity:** University

**10** **Type of teaching:** Official teaching  
**Name of the course:** Nutrición y Bromatología  
**Type of programme:** Grado  
**Type of subject:** Obligatory  
**University degree:** Grado en Farmacia  
**Course given:** 3  
**Start date:** 2016  
**Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 54  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultad de Farmacia  
**Department:** Departamento de Nutrición, Ciencias de la Alimentación y Gastronomía  
**Subject language:** Spanish

**Type of teaching:** Laboratory work

**End date:** 2017

**Type of entity:** University

**11** **Type of teaching:** Official teaching  
**Name of the course:** Química Analítica Instrumental  
**Type of programme:** Grado  
**Type of subject:** Obligatory  
**University degree:** Grado en Química  
**Course given:** 2  
**Start date:** 2013  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 6  
**Entity:** Universidad de Huelva  
**Faculty, institute or centre:** Facultad de Ciencias Experimentales  
**Department:** Química y Ciencias de los Materiales "Prof. José Carlos Vílchez Martín"  
**Subject language:** Spanish

**Type of teaching:** Laboratory work

**End date:** 2014

**Type of entity:** University

**12** **Type of teaching:** Official teaching  
**Name of the course:** Análisis Agroalimentario  
**Type of programme:** Bachelor's degree  
**Type of subject:** Optional  
**University degree:** Licenciatura en Química  
**Course given:** 4  
**Start date:** 2012  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 1,5  
**Entity:** Universidad de Huelva  
**Faculty, institute or centre:** Facultad de Ciencias Experimentales  
**Department:** Química y Ciencias de los Materiales "Prof. José Carlos Vílchez Martín"  
**Subject language:** Spanish

**Type of teaching:** Laboratory work

**End date:** 2013

**Type of entity:** University

**13** **Type of teaching:** Official teaching  
**Name of the course:** Química Bioanalítica  
**Type of programme:** Bachelor's degree  
**Type of subject:** Optional

**Type of teaching:** Laboratory work



**University degree:** Licenciatura en Química

**Course given:** 5

**Start date:** 2012

**End date:** 2013

**Type of hours/ ECTS credits:** Credits

**Hours/ECTS credits:** 1

**Entity:** Universidad de Huelva

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias Experimentales

**Department:** Química y Ciencias de los Materiales "Prof. José Carlos Vílchez Martín"

**Subject language:** Spanish

**14 Type of teaching:** Official teaching

**Name of the course:** Química Bioanalítica

**Type of programme:** Bachelor's degree

**Type of teaching:** In person theory

**Type of subject:** Optional

**University degree:** Licenciatura en Química

**Course given:** 5

**Start date:** 2012

**End date:** 2013

**Type of hours/ ECTS credits:** Credits

**Hours/ECTS credits:** 1,5

**Entity:** Universidad de Huelva

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias Experimentales

**Department:** Química y Ciencias de los Materiales "Prof. José Carlos Vílchez Martín"

**Subject language:** Spanish

**15 Type of teaching:** Official teaching

**Name of the course:** Análisis Agroalimentario

**Type of programme:** Grado

**Type of teaching:** Laboratory work

**Type of subject:** Optional

**University degree:** Grado en Química

**Course given:** 3

**Start date:** 2012

**End date:** 2013

**Type of hours/ ECTS credits:** Credits

**Hours/ECTS credits:** 1

**Entity:** Universidad de Huelva

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias Experimentales

**Department:** Química y Ciencias de los Materiales "Prof. José Carlos Vílchez Martín"

**Subject language:** Spanish

**16 Type of teaching:** Official teaching

**Name of the course:** Bioanálisis

**Type of programme:** Grado

**Type of teaching:** In person theory

**Type of subject:** Optional

**University degree:** Grado en Química

**Course given:** 4

**Start date:** 2012

**End date:** 2013

**Type of hours/ ECTS credits:** Credits

**Hours/ECTS credits:** 1

**Entity:** Universidad de Huelva

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias Experimentales

**Department:** Química y Ciencias de los Materiales "Prof. José Carlos Vílchez Martín"

**Subject language:** Spanish



- 17** **Type of teaching:** Official teaching  
**Name of the course:** Análisis Agroalimentario  
**Type of programme:** Bachelor's degree **Type of teaching:** Laboratory work  
**Type of subject:** Optional  
**University degree:** Licenciatura en Química  
**Course given:** 4  
**Start date:** 2011 **End date:** 2012  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 1,5  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias Experimentales  
**Department:** Química y Ciencias de los Materiales "Prof. José Carlos Vílchez Martín"  
**Subject language:** Spanish
- 18** **Type of teaching:** Official teaching  
**Name of the course:** Métodos Automáticos de Análisis  
**Type of programme:** Bachelor's degree **Type of teaching:** Laboratory work  
**Type of subject:** Optional  
**University degree:** Licenciatura en Ciencias Ambientales  
**Course given:** 3  
**Start date:** 2011 **End date:** 2012  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 0,15  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias Experimentales  
**Department:** Química y Ciencias de los Materiales "Prof. José Carlos Vílchez Martín"  
**Subject language:** Spanish
- 19** **Type of teaching:** Official teaching  
**Name of the course:** Métodos Automáticos de Análisis  
**Type of programme:** Bachelor's degree **Type of teaching:** In person theory  
**Type of subject:** Optional  
**University degree:** Licenciatura en Ciencias Ambientales  
**Course given:** 3  
**Start date:** 2011 **End date:** 2012  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 2,08  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Faculty, institute or centre:** Facultad de Ciencias Experimentales  
**Department:** Química y Ciencias de los Materiales "Prof. José Carlos Vílchez Martín"  
**Subject language:** Spanish
- 20** **Type of teaching:** Official teaching  
**Name of the course:** Química Bioanalítica  
**Type of programme:** Bachelor's degree **Type of teaching:** Laboratory work  
**Type of subject:** Optional  
**University degree:** Licenciatura en Química  
**Course given:** 5  
**Start date:** 2011 **End date:** 2012  
**Type of hours/ ECTS credits:** Credits



**Hours/ECTS credits:** 1,5

**Entity:** Universidad de Huelva

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias Experimentales

**Department:** Química y Ciencias de los Materiales "Prof. José Carlos Vilchez Martín"

**Subject language:** Spanish

**21 Type of teaching:** Official teaching

**Name of the course:** Química Bioanalítica

**Type of programme:** Bachelor's degree

**Type of teaching:** In person theory

**Type of subject:** Optional

**University degree:** Licenciatura en Química

**Course given:** 5

**Start date:** 2011

**End date:** 2012

**Type of hours/ ECTS credits:** Credits

**Hours/ECTS credits:** 3

**Entity:** Universidad de Huelva

**Type of entity:** University

**Faculty, institute or centre:** Facultad de Ciencias Experimentales

**Department:** Química y Ciencias de los Materiales "Prof. José Carlos Vilchez Martín"

**Subject language:** Spanish

## Experience supervising doctoral thesis and/or final year projects

- 1 Project title:** Identificación de biomarcadores para el estudio de los trastornos del espectro alcohólico fetal mediante herramientas metabolómicas

**Type of project:** Doctoral thesis

**Entity:** Universidad de Cádiz **Type of entity:** University

**City of entity:** Cádiz, Andalucía, Spain

**Student:** Mario Candón Velázquez

**Date of reading:** 2028
- 2 Project title:** Estudio del potencial nutraceutico de los compuestos bioactivos presentes en algas de arribazón para la prevención y tratamiento de la depresión

**Type of project:** Doctoral thesis

**Co-director of thesis:** Enrique Durán Guerrero

**Entity:** Universidad de Cádiz **Type of entity:** University

**City of entity:** Cádiz, Andalucía, Spain

**Student:** Desta Gebremedhin Gebrehiwot

**Date of reading:** 2027
- 3 Project title:** Aplicación de técnicas metabolómicas y metalómicas para estudiar la influencia de factores prenatales y perinatales en el desarrollo de obesidad infantil y complicaciones asociadas

**Type of project:** Doctoral thesis

**Co-director of thesis:** Álvaro González Domínguez

**Entity:** Universidad de Cádiz **Type of entity:** University

**City of entity:** Cádiz, Andalucía, Spain

**Student:** Lucía Jurado Sumariva

**Date of reading:** 2025



- 4** **Project title:** Propiedades antioxidantes y antimicrobianas de extractos vegetales  
**Type of project:** Minor thesis  
**Co-director of thesis:** Ana Sayago Gómez  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Cristina Betanzos Salguero  
**Obtained qualification:** 9.00  
**Date of reading:** 24/09/2024
- 5** **Project title:** Actividad biológica de extractos de hojas de arándanos obtenidos mediante disolventes eutécticos  
**Type of project:** End of course project  
**Co-director of thesis:** Ana Sayago Gómez  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Gloria Sayago Domínguez  
**Obtained qualification:** 9.00  
**Date of reading:** 25/07/2024
- 6** **Project title:** Determinación de compuestos fenólicos y su papel en el enraizamiento en estaquilla de olivo  
**Type of project:** End of course project  
**Co-director of thesis:** Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** María Cárdenas Montero  
**Obtained qualification:** 9.00  
**Date of reading:** 25/07/2024
- 7** **Project title:** Asociación entre los niveles de metales en sangre y la tensión arterial en niños con obesidad  
**Type of project:** Minor thesis  
**Co-director of thesis:** Álvaro González Domínguez  
**Entity:** Universidad de Granada **Type of entity:** University  
**Student:** Zulema Sánchez Bazán  
**Obtained qualification:** 8.30  
**Date of reading:** 16/07/2024
- 8** **Project title:** Caracterización de extractos obtenidos de subproductos agrícolas mediante disolventes verdes  
**Type of project:** End of course project  
**Co-director of thesis:** Ana Sayago Gómez  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Yolanda Ramírez Ramos  
**Obtained qualification:** 9.00  
**Date of reading:** 06/09/2023
- 9** **Project title:** Determinación de ácido fítico y almidón en muestras de garbanzo  
**Type of project:** End of course project  
**Co-director of thesis:** Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Paula del Pino Fernández Rodríguez  
**Obtained qualification:** 9.00  
**Date of reading:** 23/06/2023
- 10** **Project title:** Nuevas bebidas fermentadas a partir de cerezas y fresas  
**Type of project:** End of course project  
**Co-director of thesis:** Ana Sayago Gómez



**Entity:** Universidad de Huelva  
**Student:** María Celestino Landero  
**Obtained qualification:** 8.60  
**Date of reading:** 23/09/2022

**Type of entity:** University

**11 Project title:** Optimización de las condiciones de cocinado del garbanzo para reducir factores antinutriciones

**Type of project:** End of course project  
**Co-director of thesis:** Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva  
**Student:** Adriana González González  
**Obtained qualification:** 8.60  
**Date of reading:** 23/09/2022

**Type of entity:** University

**12 Project title:** Caracterización de un modelo animal de obesidad, y cuantificación de las especies reactivas de oxígeno en sus hemáties

**Type of project:** Minor thesis  
**Co-director of thesis:** Alfonso Lechuga Sancho  
**Entity:** Universidad de Cádiz  
**Student:** Andrea Miguel Batuecas  
**Obtained qualification:** 8.50  
**Date of reading:** 22/06/2022

**Type of entity:** University

**13 Project title:** Elaboración de bebidas fermentadas de mora y fresa

**Type of project:** End of course project  
**Co-director of thesis:** Ana Sayago Gómez  
**Entity:** Universidad de Huelva  
**Student:** José Rodríguez Colchero  
**Obtained qualification:** 8.10  
**Date of reading:** 23/09/2021

**Type of entity:** University

**14 Project title:** Desarrollo de un método cromatográfico para la determinación de compuestos fenólicos. Aplicación al estudio de la tasa de enraizamiento de olivo y arándano

**Type of project:** End of course project  
**Co-director of thesis:** M<sup>a</sup> Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva  
**Student:** María José Pichardo Cabrera  
**Obtained qualification:** 9.30  
**Date of reading:** 14/07/2021

**Type of entity:** University

**15 Project title:** Aportaciones de la metabolómica en la etiología de la diabetes infantil, una revisión bibliográfica

**Type of project:** Minor thesis  
**Co-director of thesis:** Alfonso Lechuga Sancho  
**Entity:** Universidad de Granada  
**Student:** Mónica Schwarz Rodríguez  
**Obtained qualification:** 8.60  
**Date of reading:** 08/07/2021

**Type of entity:** University

**16 Project title:** Extracción de compuestos fenólicos de hoja de olivo mediante disolventes verdes

**Type of project:** End of course project  
**Co-director of thesis:** M<sup>a</sup> Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva

**Type of entity:** University



**Student:** Bárbara González Gómez  
**Obtained qualification:** 9.00  
**Date of reading:** 22/12/2020

**17 Project title:** Obtención y caracterización de bebidas fermentadas a partir de mosto de uva y arándanos

**Type of project:** End of course project

**Co-director of thesis:** Ana Sayago Gómez

**Entity:** Universidad de Huelva

**Type of entity:** University

**Student:** Isabel María Gutiérrez Delgado

**Obtained qualification:** 7.90

**Date of reading:** 21/12/2020

**18 Project title:** Tratamiento poscosecha de fresas

**Type of project:** End of course project

**Co-director of thesis:** M<sup>a</sup> Ángeles Fernández Recamales

**Entity:** Universidad de Huelva

**Type of entity:** University

**Student:** Magín Fernández García

**Obtained qualification:** 7.80

**Date of reading:** 08/07/2020

**19 Project title:** Caracterización de subproductos de vinificación de frutos rojos

**Type of project:** End of course project

**Co-director of thesis:** Ana Sayago Gómez

**Entity:** Universidad de Huelva

**Type of entity:** University

**Student:** Pilar Ponce Pérez

**Obtained qualification:** 8.70

**Date of reading:** 27/09/2019

**20 Project title:** Degradación de contaminantes emergentes en aguas mediada por fotocatalisis con luz visible

**Type of project:** End of course project

**Co-director of thesis:** Juan Urbano Baena

**Entity:** Universidad de Huelva

**Type of entity:** University

**Student:** José Antonio Sánchez Cordero

**Obtained qualification:** 9.60

**Date of reading:** 27/09/2019

**21 Project title:** Analysis of dietary metabolites in biological fluids for studying the effect of a polyphenol-rich diet on intestinal permeability in the elderly

**Type of project:** Erasmus+

**Co-director of thesis:** M<sup>a</sup> Cristina Andrés Lacueva

**Entity:** Universitat de Barcelona

**Type of entity:** University

**Student:** Gabriele Melegari

**Date of reading:** 30/07/2019

**22 Project title:** Aprovechamiento de excedentes de frambuesas y mora para la elaboración de bebidas fermentadas: Factibilidad enológica

**Type of project:** End of course project

**Co-director of thesis:** Ana Sayago Gómez

**Entity:** Universidad de Huelva

**Type of entity:** University

**Student:** Raquel Cano Jiménez

**Obtained qualification:** 9.40



**Date of reading:** 12/07/2019

- 23** **Project title:** Determinación cromatográfica de carotenoides en aceites  
**Type of project:** End of course project  
**Co-director of thesis:** M<sup>a</sup> Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Cristina Romero Castilla  
**Obtained qualification:** 9.00  
**Date of reading:** 11/07/2019
- 24** **Project title:** Aplicación de la espectroscopía NIR al control de calidad de vinagres  
**Type of project:** End of course project  
**Co-director of thesis:** M<sup>a</sup> Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Moisés Carrillero Rodríguez  
**Obtained qualification:** 9.40  
**Date of reading:** 21/02/2019
- 25** **Project title:** Use of targeted metabolomics in the identification of urinary excretion of polyphenols after a polyphenolrich dietary intervention and the first exploratory step in the assessment of inter-individual variabilities  
**Type of project:** Erasmus+  
**Co-director of thesis:** M<sup>a</sup> Cristina Andrés Lacueva  
**Entity:** Universitat de Barcelona **Type of entity:** University  
**Student:** Humaa Hasan  
**Date of reading:** 14/12/2018
- 26** **Project title:** Caracterización de los frutos de Lonicera caerulea (honeyberry) y de sus productos de vinificación  
**Type of project:** End of course project  
**Co-director of thesis:** Ana Sayago Gómez  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Alejandra Ferrer Sánchez  
**Obtained qualification:** 9.40  
**Date of reading:** 27/09/2018
- 27** **Project title:** Efecto de la adición de arándanos sobre la composición y características cromáticas de un vino de fresa  
**Type of project:** End of course project  
**Co-director of thesis:** M<sup>a</sup> Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Elena Lobo Beltrán  
**Obtained qualification:** 10  
**Date of reading:** 27/09/2018
- 28** **Project title:** Efectos de los tratamientos térmicos sobre la composición química del puré de fresa  
**Type of project:** End of course project  
**Co-director of thesis:** M<sup>a</sup> Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Jesús González Jerez  
**Obtained qualification:** 9.20  
**Date of reading:** 27/09/2018



- 29** **Project title:** Potencial de la espectroscopia UV-VIS en la diferenciación de vinagres y la predicción de su biofuncionalidad  
**Type of project:** End of course project  
**Co-director of thesis:** M<sup>a</sup> Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Rocío Martín Méndez  
**Obtained qualification:** 10  
**Date of reading:** 16/07/2018
- 30** **Project title:** Metabolomic study after a polyphenol-rich diet in elderly population with intestinal permeability  
**Type of project:** Minor thesis  
**Entity:** Universitat Rovira i Virgili **Type of entity:** University  
**Student:** Judith Mateo Boned  
**Obtained qualification:** 9.70  
**Date of reading:** 20/06/2018
- 31** **Project title:** Metabolomics method optimization for hydroxycinnamic acids determination in plasma samples for investigating the role of microbiota in intestinal permeability  
**Type of project:** Minor thesis  
**Entity:** Universitat Rovira i Virgili **Type of entity:** University  
**Student:** Núria Estañol Torres  
**Obtained qualification:** 9.30  
**Date of reading:** 20/06/2018
- 32** **Project title:** Validation of a metabolomics method for the simultaneous determination of plasma food derived metabolites related to cognitive decline  
**Type of project:** Minor thesis  
**Entity:** Universitat Rovira i Virgili **Type of entity:** University  
**Student:** Elisabet Núñez Gaitán  
**Obtained qualification:** 9.50  
**Date of reading:** 20/06/2018
- 33** **Project title:** Optimización de un procedimiento de extracción de compuestos fenólicos en subproductos de fresa  
**Type of project:** End of course project  
**Co-director of thesis:** José Ariza Carmona  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** José Manuel Santana Rivero  
**Obtained qualification:** 9.00  
**Date of reading:** 02/05/2018
- 34** **Project title:** Analysis of the urinary food metabolome derived from a polyphenol-enriched diet intervention in the elderly  
**Type of project:** Erasmus+  
**Co-director of thesis:** M<sup>a</sup> Cristina Andrés Lacueva  
**Entity:** Universitat de Barcelona **Type of entity:** University  
**Student:** Marijose Apéstegui Guardia  
**Date of reading:** 30/04/2018
- 35** **Project title:** Potencial de la fracción insaponificable en el establecimiento de la trazabilidad geográfica del aceite de oliva  
**Type of project:** End of course project



**Co-director of thesis:** Ana Sayago Gómez  
**Entity:** Universidad de Huelva  
**Student:** Laura Ortega López  
**Obtained qualification:** 9.70  
**Date of reading:** 06/03/2018

**Type of entity:** University

- 36** **Project title:** Aplicación de menús digitales a partir de dispositivos culinarios en nutrición personalizada para la promoción de hábitos dietéticos y saludables y la prevención de enfermedades crónicas. Estudio de valoración de la ingesta dietética y efecto del consumo de polifenoles mediante análisis de biomarcadores.

**Type of project:** Minor thesis  
**Co-director of thesis:** Patricia Casas Agustench  
**Entity:** Universitat de Barcelona  
**Student:** Natalia Campos González  
**Obtained qualification:** 9.20  
**Date of reading:** 19/06/2017

**Type of entity:** University

- 37** **Project title:** Determinación cromatográfica de ácidos y azúcares en vinos naranja de la D.O. Condado de Huelva

**Type of project:** End of course project  
**Co-director of thesis:** José Ariza Carmona  
**Entity:** Universidad de Huelva  
**Student:** Álvaro Castro García  
**Obtained qualification:** 9.00  
**Date of reading:** 27/03/2017

**Type of entity:** University

- 38** **Project title:** Determinación de parámetros de calidad enológica mediante espectroscopia de infrarrojo cercano (NIR)

**Type of project:** End of course project  
**Co-director of thesis:** Ana Sayago Gómez  
**Entity:** Universidad de Huelva  
**Student:** Laura Domínguez García  
**Obtained qualification:** 8.20  
**Date of reading:** 02/03/2017

**Type of entity:** University

- 39** **Project title:** Análisis metabólico del suero sanguíneo humano en respuesta a la ingesta de diferentes refrescos de cola

**Type of project:** Minor thesis  
**Co-director of thesis:** Rosa María Mateos Bernal  
**Entity:** Universidad de Cádiz  
**Student:** José Joaquín González Cortés  
**Obtained qualification:** 7.80  
**Date of reading:** 30/09/2016

**Type of entity:** University

- 40** **Project title:** Características sensoriales de aceites de oliva procedentes de diferentes áreas geográficas de la Península Ibérica

**Type of project:** Minor thesis  
**Co-director of thesis:** María Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva  
**Student:** María Dolores Malavé Carrillo  
**Obtained qualification:** 9.00  
**Date of reading:** 19/07/2016

**Type of entity:** University



- 41** **Project title:** Optimización de la metodología basada en UPLC-APCI-MS para la determinación de esteroides en muestras de aceite de oliva  
**Type of project:** Minor thesis  
**Co-director of thesis:** Ana Sayago Gómez  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Mauricio Lineros Rosa  
**Obtained qualification:** 9.00  
**Date of reading:** 19/07/2016
- 42** **Project title:** Caracterización de la fracción alcohólica de aceites de oliva virgen extra y su influencia en el establecimiento de la trazabilidad geográfica  
**Type of project:** End of course project  
**Co-director of thesis:** Ana Sayago Gómez  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Cristina López Calderón  
**Obtained qualification:** 9.40  
**Date of reading:** 18/07/2016
- 43** **Project title:** Determinación cromatográfica de tocoferoles en AOVES  
**Type of project:** End of course project  
**Co-director of thesis:** María Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** María José Pichardo Díaz  
**Obtained qualification:** 10  
**Date of reading:** 18/07/2016
- 44** **Project title:** Determinación cromatográfica de ácidos y azúcares en vinos naranja de la D.O. Condado de Huelva  
**Type of project:** End of course project  
**Co-director of thesis:** José Ariza Carmona  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** José Manuel Salvador Cuecas  
**Obtained qualification:** 9.00  
**Date of reading:** 19/05/2016
- 45** **Project title:** Determinación de hidrocarburos en aceites de oliva virgen extra y su papel en la diferenciación geográfica  
**Type of project:** End of course project  
**Co-director of thesis:** Ana Sayago Gómez; Rafael Beltrán Lucena  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Dolores Malavé Carrillo  
**Obtained qualification:** 9.10  
**Date of reading:** 28/09/2015
- 46** **Project title:** Determinación de compuestos volátiles en vinos naranja mediante SPME-CG-MS  
**Type of project:** Minor thesis  
**Co-director of thesis:** M<sup>a</sup> Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Dolores de la Cinta Silvera Garrido  
**Obtained qualification:** 8.00  
**Date of reading:** 12/12/2014



- 47** **Project title:** Perfil fenólico y potencial antioxidante de arándanos rojos. Comparación con otros frutos rojos  
**Type of project:** Minor thesis  
**Co-director of thesis:** M<sup>a</sup> Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Joaquín Martínez Gómez  
**Obtained qualification:** 9.00  
**Date of reading:** 17/07/2014
- 48** **Project title:** Estudio metabólico de la enfermedad esteatohepatitis no alcohólica empleando la espectrometría de masas mediante infusión directa  
**Type of project:** End of course project  
**Co-director of thesis:** José Luis Gómez Ariza; Tamara García Barrera  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** María Álvarez Martínez  
**Date of reading:** 26/09/2013
- 49** **Project title:** Estudio de la composición fenólica y color de vino de Syrah elaborados en el Algarve y en Andalucía  
**Type of project:** Minor thesis  
**Co-director of thesis:** M<sup>a</sup> Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Fernando Almeida Bento  
**Obtained qualification:** 8.00  
**Date of reading:** 22/01/2013
- 50** **Project title:** Evaluación de las características cromáticas de vinagres andaluces  
**Type of project:** Minor thesis  
**Co-director of thesis:** M<sup>a</sup> Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Blanca Curtido Rueda  
**Obtained qualification:** 9.00  
**Date of reading:** 22/01/2013
- 51** **Project title:** Determinación de actividad antioxidante, familias fenólicas y compuestos volátiles en fresas cultivadas en sistemas sin suelo  
**Type of project:** Minor thesis  
**Co-director of thesis:** M<sup>a</sup> Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** María Romero Fernández  
**Obtained qualification:** 9.00  
**Date of reading:** 09/10/2012
- 52** **Project title:** Determinación de ácidos fenólicos y derivados en subproductos de frambuesa por UPLC-DAD y UPLC-ESI-Q-TOF  
**Type of project:** Minor thesis  
**Co-director of thesis:** M<sup>a</sup> Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Pablo González Montero  
**Obtained qualification:** 9.00  
**Date of reading:** 09/10/2012



- 53** **Project title:** Estudio de la composición fenólica y capacidad antioxidante de variedades de frambuesas cultivadas en la provincia de Huelva  
**Type of project:** Minor thesis  
**Co-director of thesis:** M<sup>a</sup> Ángeles Fernández Recamales  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Antonio Soto Sotomayor  
**Obtained qualification:** 9.00  
**Date of reading:** 18/07/2012
- 54** **Project title:** Análisis metabólico en suero de pacientes con enfermedad de Alzheimer mediante espectrometría de masas  
**Type of project:** Minor thesis  
**Co-director of thesis:** José Luis Gómez Ariza; Tamara García Barrera  
**Entity:** Universidad de Huelva **Type of entity:** University  
**Student:** Carlos Salgado García  
**Date of reading:** 20/01/2011

## Courses and seminars given

- 1** **Type of event:** Seminar  
**Name of the event:** II INiBICA Meeting for Young Researchers Abroad (MYRA)  
**City organizing entity:** Cádiz, Andalucía, Spain  
**Organising entity:** Instituto de Investigación e Innovación Biomédica de Cádiz (INiBICA) **Type of entity:** Public Research Body  
**Teaching date:** 30/11/2023
- 2** **Type of event:** Training Session  
**Name of the event:** I Jornada INiBICA sobre Carrera Investigadora en el Sistema Sanitario Público de Andalucía  
**City organizing entity:** Cádiz, Andalucía, Spain  
**Organising entity:** Instituto de Investigación e Innovación Biomédica de Cádiz (INiBICA) **Type of entity:** Public Research Body  
**Teaching date:** 25/05/2023
- 3** **Type of event:** Training Session  
**Name of the event:** I Jornada de Presentación INiBICA, Ponencia: "Aproximaciones Metabólicas en Investigación Biomédica, Epidemiológica y Nutricional"  
**City organizing entity:** Cádiz, Andalucía, Spain  
**Organising entity:** Instituto de Investigación e Innovación Biomédica de Cádiz (INiBICA) **Type of entity:** Public Research Body  
**Hours of teaching:** 1  
**Teaching date:** 17/11/2022
- 4** **Type of event:** Seminar  
**Name of the event:** I INiBICA Meeting for Young Researchers Abroad (MYRA)  
**City organizing entity:** Cádiz, Andalucía, Spain  
**Organising entity:** Instituto de Investigación e Innovación Biomédica de Cádiz (INiBICA) **Type of entity:** Public Research Body  
**Teaching date:** 05/10/2022



- 5** **Type of event:** Seminar  
**Name of the event:** Ciclo de Seminarios INiBICA, Ponencia: "Aplicación de Técnicas Ómicas en Investigación Biomédica: Estudio de Mecanismos Moleculares y Aproximación al Exposoma en el Marco de la Medicina Personalizada"  
**City organizing entity:** Cádiz, Andalucía, Spain  
**Organising entity:** Instituto de Investigación e Innovación Biomédica de Cádiz (INiBICA) **Type of entity:** Public Research Body  
**Hours of teaching:** 1  
**Teaching date:** 01/07/2022
- 6** **Type of event:** Seminar  
**Name of the event:** Metabolómica en Biomedicina y Nutrición  
**Organising entity:** Universitat de Barcelona **Type of entity:** University  
**Hours of teaching:** 28  
**Teaching date:** 16/09/2019  
**Type of participation:** Participatory - invited / keynote talk
- 7** **Type of event:** Curso  
**Name of the event:** Metodologías basadas en la metabolómica y su aplicación en el ámbito de la investigación biomédica  
**Organising entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Hours of teaching:** 140  
**Teaching date:** 22/02/2016
- 8** **Type of event:** Seminar  
**Name of the event:** Introducción a la Metabolómica  
**Organising entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Hours of teaching:** 1  
**Teaching date:** 08/01/2016  
**Type of participation:** Participatory - invited / keynote talk

## Materials and other teaching or educational publications.

- 1** Raúl González Domínguez; Ana Sayago; Ángeles Fernández Recamales. Inmersión en la metodología de investigación científica a través del aprendizaje activo, pp. 395 - 397. (Spain): Cordoba University Press. ISBN 978-84-9927-339-6  
**Name of the materials:** Actas del Congreso Internacional Virtual de Innovación Docente Universitaria "We teach & We Learn"  
**Date of drafting:** 2018  
**Format:** Chapters of books
- 2** Raúl González Domínguez; Ana Sayago; Ángeles Fernández Recamales. Implementación del flipped classroom para la enseñanza de los equilibrios químicos en disolución acuosa, pp. 306 - 312. (Spain): Universitat Jaume I. ISBN 978-84-17429-54-6  
**Name of the materials:** Actas del Congreso Virtual: Avances en Tecnologías, Innovación y Desafíos de la Educación Superior  
**Date of drafting:** 2018  
**Format:** Chapters of books  
**DOI:** 10.6035/InnovacioEducativa.2018.19



- 3** Raúl González Domínguez; Ana Sayago; Ángeles Fernández Recamales. Iniciación en la metodología de investigación científica mediante herramientas de aprendizaje activo, pp. 313 - 318. (Spain): Universitat Jaume I. ISBN 978-84-17429-54-6
- Name of the materials:** Actas del Congreso Virtual: Avances en Tecnologías, Innovación y Desafíos de la Educación Superior
- Date of drafting:** 2018
- Format:** Chapters of books
- DOI:** 10.6035/InnovacioEducativa.2018.19

## Participation in innovative teaching projects

- 1** **Project title:** Innovating the Joy of Eating for Healthy Aging (INJOY 2020)  
**Type of participation:** Team member  
**Dedication regime:** Full time  
**Name of the main researcher:** Cristina Andrés Lacueva  
**Amount awarded:** 25.878 €  
**Funding entity:** European Institute of Innovation & Technology (EIT) – HEALTH  
**Type of call:** Competitive  
**Geographical area:** European Union  
**Start-End date:** 01/01/2020 - 31/12/2020 **Duration:** 1 year
- 2** **Project title:** Innovating the Joy of Eating for Healthy Aging (INJOY 2019)  
**Type of participation:** Team member  
**Dedication regime:** Full time  
**Name of the main researcher:** Cristina Andrés Lacueva  
**Amount awarded:** 45.872 €  
**Funding entity:** European Institute of Innovation & Technology (EIT) – HEALTH  
**Type of call:** Competitive  
**Geographical area:** European Union  
**Start-End date:** 01/01/2019 - 31/12/2019 **Duration:** 1 year
- 3** **Project title:** Nuevos métodos de aprendizaje: el modelo de la clase inversa para la enseñanza de los equilibrios químicos en disolución acuosa y sus aplicaciones  
**Type of participation:** Team member  
**Dedication regime:** Full time  
**Funding entity:** Universidad de Huelva **Type of entity:** University  
**Type of call:** Competitive  
**Geographical area:** Local  
**Start-End date:** 30/09/2018 - 30/09/2019
- 4** **Project title:** Innovating the Joy of Eating for Healthy Aging (INJOY 2018)  
**Type of participation:** Team member  
**Dedication regime:** Full time  
**Name of the main researcher:** Cristina Andrés Lacueva  
**Amount awarded:** 78.417 €  
**Funding entity:** European Institute of Innovation & Technology (EIT) – HEALTH  
**Type of call:** Competitive  
**Geographical area:** European Union  
**Start-End date:** 01/01/2018 - 31/12/2018 **Duration:** 1 year



- 5** **Project title:** Inmersión en la metodología de investigación científica a través del aprendizaje activo  
**Type of participation:** Team member  
**Dedication regime:** Full time  
**Funding entity:** Universidad de Huelva **Type of entity:** University  
**Type of call:** Competitive  
**Geographical area:** Local  
**Start-End date:** 30/09/2017 - 30/09/2018

## Participation in conferences with talks focused on teacher training

- 1** **Name of the event:** IV Congreso Internacional de Didáctica de la Química  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**Date of presentation:** 18/05/2023  
**Organising entity:** Colegio Oficial de Químicos de Galicia  
Técnicas de aprendizaje activo basado en la investigación científica: Aplicación en los laboratorios de química.
- 2** **Name of the event:** Avances en Tecnologías, Innovación y Desafíos de la Educación Superior (ATIDES 2018)  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**Date of presentation:** 15/10/2018  
**Organising entity:** Universitat Jaume I  
Iniciación en la metodología de investigación científica mediante herramientas de aprendizaje activo.
- 3** **Name of the event:** Avances en Tecnologías, Innovación y Desafíos de la Educación Superior (ATIDES 2018)  
**Type of event:** Conference  
**Date of presentation:** 15/10/2018  
**Organising entity:** Universitat Jaume I  
Implementación del flipped classroom para la enseñanza de los equilibrios químicos en disolución acuosa.
- 4** **Name of the event:** IV Jornadas sobre Estrategias para la Innovación de la Actividad Docente en Química Analítica  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**Date of presentation:** 05/07/2018  
**Organising entity:** Sociedad Española de Química Analítica  
El estudio de casos como herramienta para la iniciación a la investigación científica. Aplicación práctica.
- 5** **Name of the event:** I Congreso Internacional Virtual de Innovación Docente Universitaria "We teach & We Learn"  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**Date of presentation:** 21/06/2018  
**Organising entity:** Universidad de Córdoba  
Inmersión en la metodología de investigación científica a través del aprendizaje activo.
- 6** **Name of the event:** II Jornada de Introducción a la Investigación para Alumnos de Química  
**Type of event:** Training Session  
**Type of participation:** Participatory - poster  
**Date of presentation:** 04/06/2010  
**Organising entity:** Universidad de Huelva **Type of entity:** University



Parte 1: Investigación de la estereoselectividad en el reordenamiento de Beckmann a partir de la 4-bromoacetofenona. Parte 2: Síntesis y estereoquímica del 1,2-difenil-1,2-etanodiol.

**7 Name of the event:** I Jornada de Introducción a la Investigación para Alumnos de Química

**Type of event:** Training Session

**Type of participation:** Participatory - poster

**Date of presentation:** 05/06/2009

**Organising entity:** Universidad de Huelva

**Type of entity:** University

Variación de la tensión superficial con la temperatura y con la concentración.

### Other activities/achievements not included above

**1 Description of the activity:** Actividades de Teleformación (Inmersión en la metodología de investigación científica a través del aprendizaje activo)

**Organising entity:** Universidad de Huelva

**Type of entity:** University

**End date:** 31/07/2018

**2 Description of the activity:** Miembro de la Junta de Centro de la Facultad de Ciencias Experimentales de la Universidad de Huelva (2012-2014)

**Organising entity:** Universidad de Huelva

**Type of entity:** University

**End date:** 19/12/2014

**3 Description of the activity:** Proyecto de Evaluación de la Unidad para la Calidad de la Universidad de Huelva "Opinión del Alumnado de la Actividad Docente del Profesorado"

**Organising entity:** Universidad de Huelva

**Type of entity:** University

**End date:** 18/07/2013

**4 Description of the activity:** Miembro del Consejo del Departamento de Química y Ciencias de los Materiales "Profesor José Carlos Vilchez Martín" de la Universidad de Huelva (2010/2011)

**Organising entity:** Universidad de Huelva

**Type of entity:** University

**End date:** 30/06/2011



## Scientific and technological experience

### Research and development groups/teams

- 1 Name of the group:** Metabólica y Bioanálisis  
**Name of principal investigator:** Raúl González Domínguez  
**Standardised code:** CO28  
**City of group:** Cádiz, Spain  
**Affiliation entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Start date:** 12/06/2023
- 2 Name of the group:** Biomarcadores y Metabólica Nutricional y de los Alimentos  
**Name of principal investigator:** Cristina Andres Lacueva  
**Affiliation entity:** Universitat de Barcelona  
**Start date:** 15/06/2016  
**Type of entity:** University  
**Duration:** 5 years - 4 months - 4 days
- 3 Name of the group:** Análisis Agroalimentario, Salud y Economía Circular  
**Name of principal investigator:** Ángeles Fernández Recamales  
**Standardised code:** FQM310  
**Affiliation entity:** Universidad de Huelva  
**Start date:** 31/05/2016
- 4 Name of the group:** Análisis Medioambiental y Bioanálisis  
**Name of principal investigator:** José Luis Gómez Ariza  
**Standardised code:** FQM141  
**Affiliation entity:** Universidad de Huelva  
**Start date:** 24/03/2010  
**Duration:** 6 years - 2 months - 6 days

### Scientific or technological activities

#### R&D projects funded through competitive calls of public or private entities

- 1 Name of the project:** Desarrollo de nutracéuticos antidepresivos mediante la valorización de algas de arribazón: Integración de técnicas ómicas, economía circular, nanotecnología y medicina personalizada (NanoNutrAlgae)  
**Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Instituto de Investigación e Innovación Biomédica de Cádiz (INiBICA)  
**City of entity:** Cádiz, Spain  
**Name principal investigator (PI, Co-PI....):** Raúl González Domínguez  
**Funding entity or bodies:** Instituto de Salud Carlos III  
**Type of entity:** Public Research Body  
**Type of participation:** Principal investigator  
**Name of the programme:** Proyectos de I+D+I en Salud - Acción Estratégica en Salud 2025  
**Code according to the funding entity:** PI25/00663



**Start-End date:** 01/01/2026 - 31/12/2028

**Total amount:** 126.250 €

**2 Name of the project:** Spanish Network in Maternal, Neonatal, Child and Developmental Health Research (RICORS- SAMID)

**Geographical area:** National

**Degree of contribution:** Researcher

**Entity where project took place:** Instituto de Investigación e Innovación Biomédica de Cádiz (INiBICA)

**City of entity:** Cádiz, Spain

**Name principal investigator (PI, Co-PI....):** Raúl González Domínguez

**Funding entity or bodies:**

Instituto de Salud Carlos III

**Type of entity:** Public Research Body

**Type of participation:** Principal investigator

**Name of the programme:** Ayudas a Redes de Investigación Cooperativa Orientadas a Resultados en Salud (RICORS) - Acción Estratégica en Salud 2024

**Code according to the funding entity:** RD24/0013/0020

**Start-End date:** 01/01/2025 - 31/12/2027

**Total amount:** 139.755 €

**3 Name of the project:** 3Rs concepts to improve the quality of biomedical science (IMPROVE)

**Geographical area:** European Union

**Degree of contribution:** Researcher

**Entity where project took place:** Instituto de Investigación e Innovación Biomédica de Cádiz (INiBICA)

**City of entity:** Cádiz, Spain

**Name principal investigator (PI, Co-PI....):** Winfried Neuhaus

**Funding entity or bodies:**

European Cooperation in Science and Technology (COST)

**Type of participation:** Co-ordinator

**Name of the programme:** COST Actions

**Code according to the funding entity:** CA21139

**Start-End date:** 21/10/2022 - 20/10/2026

**4 Name of the project:** Aproximación Multi-Omica a la Obesidad Infantil, la Resistencia a la Insulina y el Metabolismo Eritrocitario: Combinación de Técnicas Metabólicas, Microbiómicas y Metalómicas

**Geographical area:** National

**Degree of contribution:** Researcher

**Entity where project took place:** Instituto de Investigación e Innovación Biomédica de Cádiz (INiBICA)

**City of entity:** Cádiz, Spain

**Name principal investigator (PI, Co-PI....):** Raúl González Domínguez; Alfonso María Lechuga Sancho

**Funding entity or bodies:**

Instituto de Salud Carlos III

**Type of entity:** Public Research Body

**Type of participation:** Principal investigator

**Name of the programme:** Proyectos de I+D+I en Salud - Acción Estratégica en Salud 2022

**Code according to the funding entity:** PI22/01899

**Start-End date:** 01/01/2023 - 31/12/2025

**Total amount:** 75.020 €

**5 Name of the project:** Algas de arribazón: de problema a oportunidad

**Geographical area:** Regional

**Degree of contribution:** Researcher



**Entity where project took place:** Universidad de Huelva **Type of entity:** University

**City of entity:** Huelva, Spain

**Name principal investigator (PI, Co-PI....):** María Ángeles Fernández Recamales

**Funding entity or bodies:**

Universidad de Huelva

**Type of entity:** University

**Type of participation:** Team member

**Name of the programme:** III Convocatoria de Micro-Proyectos de Investigación y Transferencia del Conocimiento en el Marco de la "Cátedra Fertinagro-Biotech de Alimentación y Sostenibilidad"

**Start-End date:** 20/06/2024 - 19/06/2025

**Total amount:** 5.000 €

**6 Name of the project:** Interacción entre el Metaboloma y la Microbiota Intestinal en la Regulación de la Activación Inmune y Endotelial en Infección por VIH

**Geographical area:** Regional

**Degree of contribution:** Researcher

**Entity where project took place:** Instituto de Investigación e Innovación Biomédica de Cádiz (INiBICA)

**City of entity:** Cádiz, Spain

**Name principal investigator (PI, Co-PI....):** Raúl González Domínguez; José Antonio Girón González

**Funding entity or bodies:**

FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ

**Type of participation:** Principal investigator

**Name of the programme:** Plan Propio 2023

**Code according to the funding entity:** PP11-003-2023

**Start-End date:** 09/06/2023 - 08/06/2025

**Total amount:** 10.000 €

**7 Name of the project:** Plataforma metabolomica basada en GC-MS

**Geographical area:** National

**Degree of contribution:** Researcher

**Entity where project took place:** Instituto de Investigación e Innovación Biomédica de Cádiz (INiBICA)

**City of entity:** Cádiz, Spain

**Name principal investigator (PI, Co-PI....):** Raúl González Domínguez

**Funding entity or bodies:**

Instituto de Salud Carlos III

**Type of entity:** Public Research Body

**Type of participation:** Principal investigator

**Name of the programme:** Subprograma Estatal Infraestructuras y Equipamiento Científico-Técnico - Acción Estratégica en Salud 2022

**Code according to the funding entity:** IFEQ22/00014

**Start-End date:** 01/01/2023 - 31/12/2024

**Total amount:** 135.000 €

**8 Name of the project:** Estudio de patrones dietéticos basados en metabotipos asociados a salud cerebral (FOOD4BRAIN)

**Geographical area:** National

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Barcelona **Type of entity:** University

**City of entity:** Barcelona, Cataluña, Spain

**Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva

**Funding entity or bodies:**

Ministerio de Ciencia e Innovación

**Type of entity:** Body, others**Type of participation:** Team member**Name of the programme:** «Proyectos de I+D+i» de los Programas Estatales de Generación de Conocimiento y Fortalecimiento Científico y Tecnológico del Sistema de I+D+i y de I+D+i Orientada a los Retos de la Sociedad**Code according to the funding entity:** PID2020-114921RB-C21**Start-End date:** 01/09/2021 - 31/08/2024**Total amount:** 240.000 €**9 Name of the project:** Red de Ensayos Clínicos en Metabolismo: Diabetes, Obesidad y Dislipemia**Geographical area:** Regional**Degree of contribution:** Researcher**Entity where project took place:** Instituto de Investigación Biomédica de Málaga**City of entity:** Málaga, Spain**Name principal investigator (PI, Co-PI....):** Francisco Tinahones Madueño**Funding entity or bodies:**

Consejería de Salud y Consumo

**Type of entity:** Administrative Body of the National Health System**Type of participation:** Team member**Name of the programme:** Proyecto Investigación Clínica en Red con Fortalecimiento del Capital Humano Investigador**Code according to the funding entity:** RIC-0539-2018**Start-End date:** 28/12/2018 - 27/12/2023**Total amount:** 404.972,4 €**10 Name of the project:** Papel de los inflamasomas y la senescencia en el pronóstico y rechazo del trasplante renal**Geographical area:** Regional**Degree of contribution:** Researcher**Entity where project took place:** Instituto de Investigación e Innovación Biomédica de Cádiz (INiBICA)**City of entity:** Cádiz, Spain**Name principal investigator (PI, Co-PI....):** Raúl González Domínguez**Funding entity or bodies:**

Consejería de Salud y Consumo

**Type of entity:** Administrative Body of the National Health System**Type of participation:** Principal investigator**Name of the programme:** Contratación Laboral de Personal Investigador Doctor**Code according to the funding entity:** RH-0085-2021**Start-End date:** 09/05/2022 - 08/11/2023**Total amount:** 68.670 €**11 Name of the project:** Compostos bioactius dels aliments i el risc de càncer de pròstata. Bases científiques per futures recomanacions dietètiques**Geographical area:** Regional**Degree of contribution:** Researcher**Entity where project took place:** Universitat de Barcelona**Type of entity:** University**City of entity:** Barcelona, Cataluña, Spain**Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva

**Funding entity or bodies:**

Fundació La Marató de TV3

**Type of participation:** Team member**Name of the programme:** Fundació La Marató de TV3 - Convocatoria 2018**Code according to the funding entity:** 201943-31**Start-End date:** 22/09/2020 - 21/09/2023**Total amount:** 145.000 €**12 Name of the project:** Utilización de disolventes verdes para valorización de biomasa (BIOGREEN)**Geographical area:** Regional**Degree of contribution:** Researcher**Entity where project took place:** Universidad de Huelva **Type of entity:** University**City of entity:** Huelva, Spain**Name principal investigator (PI, Co-PI....):** Ana Sayago Gómez**Funding entity or bodies:**Consejería de Transformación Económica, Industria, Conocimiento y Universidades (Junta de Andalucía) **Type of entity:** State agency**Type of participation:** Team member**Name of the programme:** Ayudas en concurrencia competitiva a proyectos de I+D+i en el marco del Programa Operativo FEDER Andalucía 2014-2020**Code according to the funding entity:** UHU-202063**Start-End date:** 01/01/2022 - 30/06/2023**Total amount:** 30.736,84 €**13 Name of the project:** Utilización de disolventes verdes para valorización de residuos agrícolas**Geographical area:** Regional**Degree of contribution:** Researcher**Entity where project took place:** Universidad de Huelva **Type of entity:** University**City of entity:** Huelva, Spain**Name principal investigator (PI, Co-PI....):** Ana Sayago Gómez**Funding entity or bodies:**Universidad de Huelva **Type of entity:** University**Type of participation:** Team member**Name of the programme:** I Convocatoria de Micro-Proyectos de Investigación y Transferencia del Conocimiento en el Marco de la "Cátedra Fertinagro-Biotech de Sostenibilidad Agroalimentaria"**Start-End date:** 05/05/2022 - 04/05/2023**Total amount:** 5.000 €**14 Name of the project:** Influencia de los tratamientos térmicos en la calidad culinaria del garbanzo y mejora de la digestividad**Geographical area:** Regional**Degree of contribution:** Researcher**Entity where project took place:** Universidad de Huelva **Type of entity:** University**City of entity:** Huelva, Spain**Name principal investigator (PI, Co-PI....):** Ángeles Fernández Recamales**Funding entity or bodies:**Universidad de Huelva **Type of entity:** University



**Type of participation:** Team member

**Name of the programme:** III Convocatoria de Micro-Proyectos de Investigación y Transferencia del Conocimiento en el Marco de la "Cátedra de la Provincia"

**Start-End date:** 30/03/2022 - 28/02/2023

**Total amount:** 4.000 €

**15 Name of the project:** Nuevos disolventes para la extracción de compuestos bioactivos de residuos agrícolas de frutos rojos

**Geographical area:** Regional

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Huelva **Type of entity:** University

**City of entity:** Huelva, Andalucía, Spain

**Name principal investigator (PI, Co-PI...):** Ángeles Fernández Recamales

**Funding entity or bodies:**

Universidad de Huelva

**Type of entity:** University

**Type of participation:** Team member

**Name of the programme:** Convocatoria de Proyectos de Investigación Convocadas en la Estrategia de Política de Investigación y de Transferencia 2021

**Code according to the funding entity:** EPIT10782021

**Start-End date:** 01/01/2022 - 31/12/2022

**Total amount:** 7.500 €

**16 Name of the project:** Calidad de carbohidratos adaptada para control de peso personalizado y salud metabólica / Tailored carbohydrate quality for personalized weight management and metabolic health (CarbQ4Health)

**Geographical area:** European Union

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Barcelona **Type of entity:** University

**City of entity:** Barcelona, Cataluña, Spain

**Name principal investigator (PI, Co-PI...):** Cristina Andrés Lacueva

**Funding entity or bodies:**

Instituto de Salud Carlos III

**Type of entity:** Public Research Body

**Type of participation:** Team member

**Name of the programme:** Proyectos de Programación Conjunta Internacional / JPI HDHL-INTIMIC (METADIS)

**Code according to the funding entity:** AC19/00111

**Start-End date:** 01/01/2020 - 31/12/2022

**Total amount:** 82.600 €

**17 Name of the project:** Plataforma de conocimiento sobre Alimentos, Dieta, Microbioma Intestinal y Salud Humana - Knowledge Platform on Food, Diet, Intestinal Microbiomics and Human Health

**Geographical area:** European Union

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Barcelona **Type of entity:** University

**City of entity:** Barcelona, Cataluña, Spain

**Name principal investigator (PI, Co-PI...):** Cristina Andrés Lacueva

**Funding entity or bodies:**

Instituto de Salud Carlos III

**Type of entity:** Public Research Body



**Type of participation:** Team member

**Name of the programme:** Proyectos de Programación Conjunta Internacional / JPI HDHL-INTIMIC

**Code according to the funding entity:** AC19/00096

**Start-End date:** 01/01/2020 - 31/12/2022

**Total amount:** 22.200 €

**18 Name of the project:** Estudio del perfil de compuestos fenólicos de madroño, fruto de Arbutus unedo L., recolectado en Algarve (Portugal) y Andalucía (España)

**Geographical area:** European Union

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Huelva **Type of entity:** University

**City of entity:** Huelva, Andalucía, Spain

**Name principal investigator (PI, Co-PI....):** Ángeles Fernández Recamales

**Funding entity or bodies:**

Secretaría General de Acción Exterior, Junta de Andalucía

**Type of participation:** Team member

**Name of the programme:** Fomento de la Cooperación Transfronteriza en la Eurorregión Alentejo-Algarve-Andalucía

**Code according to the funding entity:** 10/21

**Start-End date:** 01/10/2021 - 30/09/2022

**Total amount:** 6.000 €

**19 Name of the project:** Determinación de prolactina en orina como biomarcador del inicio adecuado de la Lactancia Materna

**Geographical area:** Regional

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Huelva **Type of entity:** University

**City of entity:** Huelva, Andalucía, Spain

**Name principal investigator (PI, Co-PI....):** Ángeles Fernández Recamales

**Funding entity or bodies:**

Universidad de Huelva

**Type of entity:** University

**Type of participation:** Team member

**Name of the programme:** Apoyo a la Integración de la Perspectiva de Género en la Investigación de la Universidad de Huelva

**Code according to the funding entity:** EPIT6382020

**Start-End date:** 25/07/2020 - 24/07/2022

**Total amount:** 10.000 €

**20 Name of the project:** Perfiles metabolómicos en el proceso reproductivo humano y su aplicación clínica durante la gestación y el puerperio

**Geographical area:** Regional

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Huelva **Type of entity:** University

**City of entity:** Huelva, Andalucía, Spain

**Name principal investigator (PI, Co-PI....):** Ángeles Fernández Recamales

**Funding entity or bodies:**

Universidad de Huelva

**Type of entity:** University



**Type of participation:** Team member

**Name of the programme:** Apoyo a la Integración de la Perspectiva de Género en Investigación

**Code according to the funding entity:** UHU-5582019

**Start-End date:** 23/10/2019 - 30/01/2022

**Total amount:** 10.000 €

**21 Name of the project:** Diseño, desarrollo y caracterización de bebidas fermentadas a partir de frutos rojos

**Geographical area:** Regional

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Huelva      **Type of entity:** University

**City of entity:** Huelva, Spain

**Name principal investigator (PI, Co-PI....):** Ana Sayago Gómez

**Funding entity or bodies:**

Universidad de Huelva

**Type of entity:** University

**Type of participation:** Team member

**Name of the programme:** I Convocatoria de Micro-Proyectos de Investigación y Transferencia del Conocimiento en el Marco de la "Cátedra de la Provincia"

**Start-End date:** 17/11/2020 - 16/11/2021

**Total amount:** 3.000 €

**22 Name of the project:** Determinación de compuestos fenólicos y su bioaccesibilidad en mieles y productos derivados (agua-miel) en el suroeste de la península ibérica

**Geographical area:** European Union

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Huelva      **Type of entity:** University

**City of entity:** Huelva, Andalucía, Spain

**Name principal investigator (PI, Co-PI....):** Ángeles Fernández Recamales

**Funding entity or bodies:**

Secretaría General de Acción Exterior, Junta de Andalucía

**Name of the programme:** Fomento de la Cooperación Transfronteriza en la Eurorregión Alentejo-Algarve-Andalucía

**Code according to the funding entity:** 06/20

**Start-End date:** 01/10/2020 - 30/09/2021

**Total amount:** 6.000 €

**23 Name of the project:** Plan de Divulgación Científica de la Universidad de Huelva 2020-2021 (UCC+i)

**Geographical area:** National

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Huelva      **Type of entity:** University

**City of entity:** Huelva, Spain

**Name principal investigator (PI, Co-PI....):** José Enrique García Ramos

**Funding entity or bodies:**

Fundación Española para la Ciencia y la Tecnología (FECYT)

**Type of participation:** Team member

**Name of the programme:** Ayudas para el Fomento de la Cultura Científica, Tecnológica y de la Innovación 2019

**Code according to the funding entity:** FCT-19-14342



**Start-End date:** 01/07/2020 - 30/06/2021

**Total amount:** 25.000 €

**24 Name of the project:** Innovating the Joy of Eating for Healthy Ageing (INJOY 2020)

**Geographical area:** European Union

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Barcelona      **Type of entity:** University

**City of entity:** Barcelona,

**Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva

**Funding entity or bodies:**

European Institute of Innovation & Technology (EIT - Health)

**Type of participation:** Team member

**Name of the programme:** EIT - HORIZON 2020

**Code according to the funding entity:** 20461

**Start-End date:** 01/01/2020 - 31/12/2020

**Total amount:** 25.878 €

**25 Name of the project:** Ayudas para apoyar las actividades de los grupos de investigación (2017 SGR 1546)

**Geographical area:** Regional

**Degree of contribution:** Researcher

**Entity where project took place:** Universitat de Barcelona      **Type of entity:** University

**City of entity:** Barcelona, Cataluña, Spain

**Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva

**Funding entity or bodies:**

Agencia de Gestión de Ayudas Universitarias y de Investigación (AGAUR)

**Type of participation:** Team member

**Name of the programme:** Ayudas para apoyar las actividades de los grupos de investigación (SGR 2017-2019)

**Code according to the funding entity:** 2017 SGR 1546

**Start-End date:** 01/01/2017 - 31/12/2020

**Total amount:** 37.840 €

**26 Name of the project:** Caracterización de mieles y productos derivados (agua-miel) en el suroeste de la península ibérica. Estudio de su potencial biológico

**Geographical area:** European Union

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Huelva      **Type of entity:** University

**City of entity:** Huelva, Andalucía, Spain

**Name principal investigator (PI, Co-PI....):** Ángeles Fernández Recamales

**Funding entity or bodies:**

Secretaría General de Acción Exterior, Junta de Andalucía

**Type of participation:** Team member

**Name of the programme:** Fomento de la Cooperación Transfronteriza en la Euroregión Alentejo-Algarve-Andalucía

**Code according to the funding entity:** 03-2018

**Start-End date:** 01/07/2018 - 15/12/2020

**Total amount:** 4.000 €



- 27** **Name of the project:** Metabotipos basados en la dieta y el microbioma para determinar el riesgo cardiometabólico y adaptar estrategias de intervención para mejorar la salud / Diet x gut microbiome-based metatypes to determine cardiometabolic risk and tailor intervention strategies for improved health (DiGuMet)
- Geographical area:** European Union
- Degree of contribution:** Researcher
- Entity where project took place:** Universitat de Barcelona **Type of entity:** University
- City of entity:** Barcelona, Cataluña, Spain
- Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva
- Funding entity or bodies:**  
Ministerio de Economía y Competitividad
- Type of participation:** Team member
- Name of the programme:** Acciones de Programación Conjunta Internacional / JPI HDHL-INTIMIC
- Code according to the funding entity:** PCIN-2017-076
- Start-End date:** 01/12/2017 - 30/11/2020
- Total amount:** 150.000 €
- 28** **Name of the project:** Innovating the Joy of Eating for Healthy Ageing (INJOY 2019)
- Geographical area:** European Union
- Degree of contribution:** Researcher
- Entity where project took place:** Universitat de Barcelona **Type of entity:** University
- City of entity:** Barcelona, Cataluña, Spain
- Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva
- Funding entity or bodies:**  
European Institute of Innovation & Technology (EIT) – HEALTH
- Name of the programme:** EIT - HORIZON 2020
- Code according to the funding entity:** 19580
- Start-End date:** 01/01/2019 - 31/12/2019
- Total amount:** 45.872 €
- 29** **Name of the project:** Personal lifestyle assistant for better health through nutrition (Cook2Health 2019)
- Geographical area:** European Union
- Degree of contribution:** Researcher
- Entity where project took place:** Universitat de Barcelona **Type of entity:** University
- City of entity:** Barcelona, Cataluña, Spain
- Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva
- Funding entity or bodies:**  
European Institute of Innovation & Technology (EIT – Health)
- Type of participation:** Team member
- Name of the programme:** HORIZON 2020, KIC Health 2019
- Code according to the funding entity:** 19532
- Start-End date:** 01/01/2019 - 31/12/2019
- Total amount:** 40.000 €



- 30** **Name of the project:** Innovating the Joy of Eating for Healthy Ageing (INJOY 2018)  
**Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universitat de Barcelona **Type of entity:** University  
**City of entity:** Barcelona, Cataluña, Spain  
**Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva  
**Funding entity or bodies:**  
European Institute of Innovation & Technology (EIT - Health)  
**Type of participation:** Team member  
**Name of the programme:** EIT - HORIZON 2020  
**Code according to the funding entity:** 18511  
**Start-End date:** 01/01/2018 - 31/12/2018  
**Total amount:** 78.417 €
- 31** **Name of the project:** Personal lifestyle assistant for better health through nutrition (Cook2Health 2018)  
**Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universitat de Barcelona **Type of entity:** University  
**City of entity:** Barcelona, Cataluña, Spain  
**Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva  
**Funding entity or bodies:**  
European Institute of Innovation & Technology (EIT – Health)  
**Type of participation:** Team member  
**Name of the programme:** HORIZON 2020, KIC Health 2016  
**Code according to the funding entity:** 17506  
**Start-End date:** 01/01/2018 - 31/12/2018  
**Total amount:** 186.665 €
- 32** **Name of the project:** Identificación de moduladores dietéticos del envejecimiento cognitivo y plasticidad cerebral, y evidencia del concepto de eficacia en la prevención/reversión del declive cognitivo / Identification of dietary modulators of cognitive ageing and brain plasticity and proof of concept of efficacy for preventing/reversing cognitive decline (D-CogPlast)  
**Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universitat de Barcelona **Type of entity:** University  
**City of entity:** Barcelona, Cataluña, Spain  
**Name principal investigator (PI, Co-PI....):** Mercè Pallàs Lliberia  
**Funding entity or bodies:**  
Ministerio de Economía y Competitividad  
**Type of participation:** Team member  
**Name of the programme:** Acciones de Programación Conjunta Internacional / JPI HDHL-NutriCog  
**Code according to the funding entity:** PCIN-2015-229  
**Start-End date:** 01/01/2016 - 31/12/2018  
**Total amount:** 122.000 €



- 33** **Name of the project:** Microbioma sanguíneo e intestinal para el estudio del efecto de un patrón dietético rico en polifenoles sobre la permeabilidad intestinal de ancianos / Gut and blood microbiomics for studying the effect of a polyphenol-rich dietary pattern on intestinal permeability in the elderly (MaPLE)  
**Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universitat de Barcelona **Type of entity:** University  
**City of entity:** Barcelona, Cataluña, Spain  
**Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva  
**Funding entity or bodies:** Ministerio de Economía y Competitividad  
**Type of participation:** Team member  
**Name of the programme:** Acciones de Programación Conjunta Internacional / JPI HDHL-IM  
**Code according to the funding entity:** PCIN-2015-238  
**Start-End date:** 01/01/2016 - 31/12/2018  
**Total amount:** 118.000 €
- 34** **Name of the project:** Estudio del efecto de la exposición dietética del yogur en el estado de fragilidad asociado al envejecimiento. Identificación de biomarcadores nutricionales: una aproximación metabólica  
**Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universitat de Barcelona **Type of entity:** University  
**City of entity:** Barcelona, Cataluña, Spain  
**Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva  
**Funding entity or bodies:** Instituto Danone  
**Type of participation:** Team member  
**Name of the programme:** XXIII Convocatoria de Premios sobre Alimentación, Nutrición y Salud  
**Start-End date:** 12/12/2016 - 11/12/2018  
**Total amount:** 40.000 €
- 35** **Name of the project:** Interindividual variation in response to consumption of plant food bioactives and determinants involved (POSITIVE)  
**Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universitat de Barcelona **Type of entity:** University  
**City of entity:** Barcelona, Spain  
**Name principal investigator (PI, Co-PI....):** Christine Morand  
**Funding entity or bodies:** European Cooperation in Science and Technology (COST)  
**Type of participation:** Team member  
**Name of the programme:** COST Actions  
**Code according to the funding entity:** FA1403  
**Start-End date:** 11/12/2014 - 10/12/2018
- 36** **Name of the project:** Especiación química de elementos en alimentos mediante espectrometría de masas orgánicas e inorgánicas. Estudio de los efectos del cocinado y biotransformación de especies químicas  
**Geographical area:** Regional



**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Huelva      **Type of entity:** University  
**City of entity:** Huelva, Andalucía, Spain  
**Name principal investigator (PI, Co-PI....):** Tamara García Barrera  
**Nº of researchers:** 8  
**Funding entity or bodies:**  
Consejería de Economía, Innovación, Ciencia y Empleo. Junta de Andalucía  
**Type of participation:** Team member  
**Name of the programme:** Proyectos de Investigación de Excelencia de las Universidades y Organismos de Investigación de Andalucía  
**Code according to the funding entity:** P12-FQM-442  
**Start-End date:** 26/02/2014 - 25/02/2018  
**Total amount:** 100.000 €

- 37** **Name of the project:** Personal lifestyle assistant for better health through nutrition (Cook2Health 2017)  
**Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universitat de Barcelona      **Type of entity:** University  
**City of entity:** Barcelona, Cataluña, Spain  
**Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva  
**Funding entity or bodies:**  
European Institute of Innovation & Technology (EIT – Health)  
**Type of participation:** Team member  
**Name of the programme:** HORIZON 2020, KIC Health 2016  
**Code according to the funding entity:** 17506  
**Start-End date:** 01/01/2017 - 31/12/2017  
**Total amount:** 158.170 €
- 38** **Name of the project:** Alianza de Biomarcadores Nutricionales / The Food Biomarkers Alliance (FoodBAII)  
**Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universitat de Barcelona      **Type of entity:** University  
**City of entity:** Barcelona, Cataluña, Spain  
**Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva  
**Funding entity or bodies:**  
Ministerio de Economía y Competitividad  
**Type of participation:** Team member  
**Name of the programme:** Acciones de Programación Conjunta Internacional / JPI HDHL-BioNH  
**Code according to the funding entity:** PCIN-2014-133  
**Start-End date:** 01/01/2015 - 31/12/2017  
**Total amount:** 150.000 €

- 39** **Name of the project:** Personal lifestyle assistant for better health through nutrition (Cook2Health 2016)  
**Geographical area:** European Union  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universitat de Barcelona      **Type of entity:** University



**City of entity:** Barcelona, Cataluña, Spain  
**Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva  
**Funding entity or bodies:**  
European Institute of Innovation & Technology (EIT – Health)

**Type of participation:** Team member  
**Name of the programme:** HORIZON 2020, KIC Health 2016  
**Code according to the funding entity:** EIT7HEALTH/SGA2016/01  
**Start-End date:** 01/01/2016 - 31/12/2016  
**Total amount:** 117.196 €

- 40** **Name of the project:** Aplicación de la Metabolómica al estudio de fenotipos discordantes Obesidad/Diabetes. Perfiles metabólicos hacia la prevención y el tratamiento clínico  
**Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universitat de Barcelona **Type of entity:** University  
**City of entity:** Barcelona, Cataluña, Spain  
**Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva  
**Funding entity or bodies:**  
Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**City funding entity:** Majadahonda, Madrid, Comunidad de, Spain  
**Type of participation:** Team member  
**Name of the programme:** Fondo de Investigación en Salud (FIS)  
**Code according to the funding entity:** PI13/01172  
**Start-End date:** 01/01/2014 - 31/12/2016  
**Total amount:** 151.500 €

- 41** **Name of the project:** Ayudas para apoyar las actividades de los grupos de investigación (2014 SGR 1566)  
**Geographical area:** Regional  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universitat de Barcelona **Type of entity:** University  
**City of entity:** Barcelona, Cataluña, Spain  
**Name principal investigator (PI, Co-PI....):** Cristina Andrés Lacueva  
**Funding entity or bodies:**  
Agencia de Gestión de Ayudas Universitarias y de Investigación (AGAUR)  
**Type of participation:** Team member  
**Name of the programme:** Ayudas para apoyar las actividades de los grupos de investigación (SGR 2014-2016)  
**Code according to the funding entity:** 2014 SGR 1566  
**Start-End date:** 01/01/2014 - 31/12/2016  
**Total amount:** 27.000 €

- 42** **Name of the project:** Aplicación de técnicas metalómicas, metabolómicas y métodos analíticos Innovadores en ensayos de exposición de organismos a contaminantes. Validación en ecosistemas estuáricos  
**Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad de Huelva **Type of entity:** University



**City of entity:** Huelva, Andalucía, Spain  
**Name principal investigator (PI, Co-PI....):** José Luis Gómez Ariza  
**Nº of researchers:** 16  
**Funding entity or bodies:**  
Ministerio de Economía y Competitividad

**Type of participation:** Team member  
**Name of the programme:** Programa Nacional de Proyectos de Investigación Fundamental  
**Code according to the funding entity:** CTM2012-38720-C03-01  
**Start-End date:** 01/01/2013 - 31/12/2015  
**Total amount:** 99.450 €

**43 Name of the project:** Plataforma instrumental basada en UPLC-ICP-QQQ-MS. Para estudios metalómicos, metabolómicos, proteómicos y de contaminantes emergentes en salud, medio ambiente y alimentos

**Geographical area:** National

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Huelva **Type of entity:** University

**City of entity:** Huelva, Andalucía, Spain

**Name principal investigator (PI, Co-PI....):** José Luis Gómez Ariza

**Funding entity or bodies:**  
Ministerio de Economía y Competitividad

**Type of participation:** Team member  
**Name of the programme:** Programa Infraestructuras 2013  
**Code according to the funding entity:** UNHU13-1E-1611  
**Start-End date:** 01/01/2013 - 31/12/2015  
**Total amount:** 298.989 €

**44 Name of the project:** Estudio de contaminantes emergentes en ecosistemas costeros y estuarinos del suroeste de la Península Ibérica

**Geographical area:** European Union

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Huelva **Type of entity:** University

**City of entity:** Huelva, Andalucía, Spain

**Name principal investigator (PI, Co-PI....):** José Luis Gómez Ariza

**Nº of researchers:** 13

**Funding entity or bodies:**  
Ministerio de Economía y Hacienda **Type of entity:** State agency

**Type of participation:** Team member  
**Name of the programme:** Programa Operativo de Cooperación Transfronteriza España-Portugal  
**Code according to the funding entity:** EMECORISK, 0432\_I2TEP\_E\_5  
**Start-End date:** 01/01/2011 - 31/10/2015  
**Total amount:** 30.367 €

**45 Name of the project:** Potenciales biomarcadores en muestras biológicas (sangre, orina y lavado broncoalveolar) para el diagnóstico “precoz” de cáncer de pulmón haciendo uso de herramientas metabolómicas

**Geographical area:** National

**Degree of contribution:** Researcher

**Type of entity:** University



**Entity where project took place:** Universidad de Huelva

**City of entity:** Huelva, Andalucía, Spain

**Name principal investigator (PI, Co-PI....):** Antonio Pereira Vega

**Nº of researchers:** 15

**Funding entity or bodies:**

Sociedad Española de Neumología y Cirugía Torácica

**Type of entity:** Associations and Groups

**City funding entity:** Barcelona, Cataluña, Spain

**Type of participation:** Team member

**Name of the programme:** Becas SEPAR 2012

**Code according to the funding entity:** 124/2012

**Start-End date:** 01/01/2013 - 01/01/2015

**Participating entity/entities:** Hospital General Juan Ramón Jiménez; Hospital General Universitario Reina Sofía; Hospital Universitario Virgen Macarena

**Total amount:** 11.000 €

**46 Name of the project:** Estudio Analítico de Selenobiomoléculas en la Producción biotecnológica de Alimentos Funcionales Ricos en Selenio

**Geographical area:** Regional

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Huelva

**Type of entity:** University

**City of entity:** Huelva, Andalucía, Spain

**Name principal investigator (PI, Co-PI....):** José Luis Gómez Ariza

**Nº of researchers:** 8

**Funding entity or bodies:**

Consejería de Innovación, Ciencia y Empresa. Junta de Andalucía

**Type of participation:** Team member

**Name of the programme:** Proyectos de Investigación de Excelencia de las Universidades y Organismos de Investigación de Andalucía

**Code according to the funding entity:** P09-FQM-4659

**Start-End date:** 05/09/2011 - 31/12/2014

**Total amount:** 207.923 €

**47 Name of the project:** Detección de diferencias en el patrón metabólico de pacientes con/sin cáncer de pulmón en sangre, orina y lavado broncoalveolar

**Geographical area:** National

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Huelva

**Type of entity:** University

**City of entity:** Huelva, Andalucía, Spain

**Name principal investigator (PI, Co-PI....):** Antonio Pereira Vega

**Nº of researchers:** 15

**Funding entity or bodies:**

Fundación Neumosur

**Type of participation:** Team member

**Name of the programme:** Becas Neumosur 2012

**Code according to the funding entity:** 8/2012

**Start-End date:** 14/12/2012 - 13/12/2014



**Participating entity/entities:** Hospital General Juan Ramón Jiménez; Hospital General Universitario Reina Sofía; Hospital Universitario Virgen Macarena

**Total amount:** 9.000 €

**48 Name of the project:** Desarrollo de nuevos métodos y acoplamientos instrumentales para la especiación química de elementos en alimentos cardiosaludables. Integración medioambiental y toxicológica

**Geographical area:** Regional

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Huelva **Type of entity:** University

**City of entity:** Huelva, Andalucía, Spain

**Name principal investigator (PI, Co-PI....):** Tamara García Barrera

**Nº of researchers:** 8

**Funding entity or bodies:**

Consejería de Innovación, Ciencia y Empresa. Junta de Andalucía

**Type of participation:** Team member

**Name of the programme:** Proyectos de Investigación de Excelencia en Equipos de Investigación de las Universidades y Organismos de Investigación de Andalucía

**Code according to the funding entity:** P08-FQM 03554

**Start-End date:** 05/09/2011 - 31/12/2013

**Total amount:** 207.923 €

**49 Name of the project:** Desarrollo de Procedimientos Analíticos Innovadores y Técnicas Metalómicas para Evaluar el Estrés Medioambiental

**Geographical area:** National

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad de Huelva **Type of entity:** University

**City of entity:** Huelva, Andalucía, Spain

**Name principal investigator (PI, Co-PI....):** José Luis Gómez Ariza

**Nº of researchers:** 17

**Funding entity or bodies:**

Ministerio de Ciencia e Innovación

**Type of entity:** Body, others

**Type of participation:** Team member

**Name of the programme:** Programa Nacional de Investigación Fundamental

**Code according to the funding entity:** CTM2009-12858-C02-01

**Start-End date:** 04/01/2011 - 31/12/2012

**Total amount:** 217.800 €

## R&D non-competitive contracts, agreements or projects with public or private entities

**1 Name of the project:** Anti-metastatic potential of anthocyanins and their metabolites (metabotypes) on cancer cell lines with different phenotypes - role of intestinal fermentation and metabolization

**Degree of contribution:** Scientific coordinator

**Name principal investigator (PI, Co-PI....):** RAÚL GONZÁLEZ DOMÍNGUEZ; Cristina Andrés Lacueva

**Funding entity or bodies:**

Justus Liebig University Giessen

**Type of entity:** University

**City funding entity:** Giessen, Germany

**Start date:** 10/02/2020

**Duration:** 1 year - 8 months - 9 days



**Total amount:** 59.050 €

- 2** **Name of the project:** Determinación de biomarcadores de ingesta y de efecto en un estudio de intervención con un probiótico y antioxidantes para evaluar su eficacia asociada a síndrome metabólico (SmartFoods)  
**Degree of contribution:** Scientific coordinator  
**Name principal investigator (PI, Co-PI....):** RAÚL GONZÁLEZ DOMÍNGUEZ; Cristina Andrés Lacueva  
**Funding entity or bodies:**  
Laboratorios Ordesa, S.L. **Type of entity:** Business  
**Start date:** 15/06/2016 **Duration:** 2 years - 6 months - 15 days  
**Total amount:** 118.000 €
- 3** **Name of the project:** Naturaleza y origen de las impurezas orgánicas e inorgánicas del fenol (addenda)  
**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** Tamara García Barrera  
**Nº of researchers:** 9  
**Participating entity/entities:** Universidad de Huelva  
**Funding entity or bodies:**  
CEPSA QUIMICA SA  
**City funding entity:** Spain  
**Start date:** 01/07/2011 **Duration:** 6 months  
**Total amount:** 40.002 €
- 4** **Name of the project:** Desarrollo de una nueva calidad de Biodiesel para incrementar su uso en automoción  
**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** José Luis Gómez Ariza  
**Nº of researchers:** 7  
**Participating entity/entities:** Universidad de Huelva  
**Funding entity or bodies:**  
BIO-OILS HUELVA SL  
**City funding entity:** Spain  
**Start date:** 13/04/2011 **Duration:** 12 months  
**Total amount:** 58.781 €
- 5** **Name of the project:** Caracterización del perfil de aromas en muestras de zumo de naranja mediante cromatografía de gases  
**Degree of contribution:** Researcher  
**Name principal investigator (PI, Co-PI....):** Tamara García Barrera  
**Nº of researchers:** 11  
**Participating entity/entities:** Universidad de Huelva  
**Funding entity or bodies:**  
ASOC DESARROLLO SISTEMA PRODUCTIVO VINCULADO AGRICULTURA ONUBENSE (ADESVA)  
**City funding entity:** Spain  
**Start date:** 01/04/2011 **Duration:** 3 months  
**Total amount:** 15.000 €
- 6** **Name of the project:** Servicio de analíticas para la evaluación de contaminantes en muestra de sangre y tejidos dentro del plan regional de conservación de la Espátula en Andalucía  
**Degree of contribution:** Researcher



**Name principal investigator (PI, Co-PI....):** Tamara García Barrera

**Nº of researchers:** 4

**Participating entity/entities:** Universidad de Huelva

**Funding entity or bodies:**

Empresa de Gestión Medioambiental, S.A.

**Type of entity:** Business

**City funding entity:** Sevilla, Andalucía, Spain

**Start date:** 27/01/2011

**Duration:** 4 months

**Total amount:** 58.410 €

**7 Name of the project:** Naturaleza y origen de las impurezas orgánicas e inorgánicas del fenol

**Degree of contribution:** Researcher

**Name principal investigator (PI, Co-PI....):** Tamara García Barrera

**Nº of researchers:** 9

**Participating entity/entities:** Universidad de Huelva

**Funding entity or bodies:**

CEPSA QUIMICA SA

**City funding entity:** Spain

**Start date:** 30/06/2010

**Duration:** 1 year

**Total amount:** 80.004 €

## Results

### Industrial and intellectual property

**Title registered industrial property:** Bebida espumosa a partir de fresas y arándanos

**Type of industrial property:** Utility model

**Inventors/authors/obtainers:** Rafael Beltrán Lucena; M<sup>a</sup> Ángeles Fernández Recamales; Ana Sayago Gómez; Marta de la Vega Naranjo; Raúl González Domínguez

**Entity holder of rights:** Universidad de Huelva

**Nº of application:** U201731487

**Country of inscription:** Spain

**Date of register:** 04/12/2017

**Conferral date:** 22/05/2018

**Nº of patent:** ES 1 203 465 U

**Spanish patent:** Yes

**EU patent:** No

**International non-EU patent:** No

**PCT patent:** No

**Exclusive use:** No

### Results derived from specialized and transfer activities, not included in previous sections

**1 Description:** POMA - Open access software

**Name of the principal Investigator (PI):** Cristina Andrés Lacueva

**Degree of contribution:** Researcher

**New techniques or equipment:** Yes

**Collaborating entity or bodies:**

Universitat de Barcelona

**Type of entity:** University

**City collaborating entity:** Barcelona, Cataluña, Spain



**Start date:** 2020

**Relevant results:** <https://pcastellanoescuder.github.io/POMA/>

**2 Description:** The Food Biomarker Ontology (FOBI) - Open access software

**Name of the principal Investigator (PI):** Cristina Andrés Lacueva

**Degree of contribution:** Researcher

**New techniques or equipment:** Yes

**Collaborating entity or bodies:**

Universitat de Barcelona

**Type of entity:** University

**City collaborating entity:** Barcelona, Cataluña, Spain

**Start date:** 2020

**Relevant results:** <https://github.com/pcastellanoescuder/FoodBiomarkerOntology/issues>

**3 Description:** Nutrition Optimised by Food Intake Biomarkers (NOFIB) - Business plan for the creation of a spin-off company

**Name of the principal Investigator (PI):** Cristina Andrés Lacueva

**Degree of contribution:** Researcher

**Spin-off R&D companies:** Yes

**Collaborating entity or bodies:**

Universitat de Barcelona

**Type of entity:** University

**City collaborating entity:** Barcelona, Cataluña, Spain

**Start date:** 01/12/2019

## Scientific and technological activities

### Scientific production

**1 H index:** 36

**Date of application:** 03/03/2026

**Source of H-Index:** WOS

**2 H index:** 41

**Date of application:** 03/03/2026

**Source of H-Index:** GOOGLE SCHOLAR

**3 H index:** 37

**Date of application:** 03/03/2026

**Source of H-Index:** SCOPUS

**Publications, scientific and technical documents**

- 1** Lucía Jurado Sumariva; Alvaro González Domínguez; Jesús Domínguez Riscart; RAÚL GONZÁLEZ DOMÍNGUEZ. Association of Neonatal Metrics, Metabolic Risk Factors, and Metal Levels in Children with Obesity. Scientific Reports. Nature Portfolio, 2026. ISSN 2045-2322  
**DOI:** 10.1038/s41598-026-42460-9  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 4  
**Total no. authors:** 4 **Corresponding author:** Yes  
**Impact source:** WOS (JCR) **Category:** Science Edition - MULTIDISCIPLINARY SCIENCES  
**Impact index in year of publication:** 3.9 **Journal in the top 25%:** Yes  
**Position of publication:** 25 **No. of journals in the cat.:** 136
- 2** Barbara Altendorfer; Rodolphe Poupardin; Sophie Lefèvre-Arbogast; Claudine Manach; Dorrain Y Low; Mireia Urpi Sarda; Cristina Andres Lacueva; RAÚL GONZÁLEZ DOMÍNGUEZ; Thomas K Felder; Julia Tevini; Marco Zattoni; Andreas Koller; Reinhold Schmidt; Paul J Lucassen; Silvie R Ruigrok; Chiara de Lucia; Andrea Du Preez; Catherine Helmer; Jeanne Neuffer; Cécile Proust-Lima; Aniko Korosi; Cécilia Samieri; Sandrine Thuret; Ludwig Aigner. Blood serum from individuals with Alzheimer's disease alters microglial phagocytosis in vitro. Neural Regeneration Research. 21 - 6, pp. 2433 - 2439. Wolters Kluwer Medknow Publications, 2026. ISSN 1673-5374  
**DOI:** 10.4103/NRR.NRR-D-24-01287  
**PMID:** 40537026  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 8  
**Total no. authors:** 24 **Corresponding author:** No  
**Impact source:** WOS (JCR) **Category:** Science Edition - NEUROSCIENCES  
**Impact index in year of publication:** 6.7 **Journal in the top 25%:** Yes  
**Position of publication:** 30 **No. of journals in the cat.:** 314
- 3** Lucía Jurado Sumariva; Alvaro González Domínguez; Otto Savolainen; Jesús Domínguez Riscart; Rikard Landberg; RAÚL GONZÁLEZ DOMÍNGUEZ. Insulin resistance as a potential driving force of parental obesity-induced adverse metabolic programming mechanisms in children with obesity. BMC Medicine. 23 - 1, pp. 458. BMC, 2025. ISSN 1741-7015  
**DOI:** 10.1186/s12916-025-04282-w  
**PMID:** 40764579  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 6  
**Total no. authors:** 6 **Corresponding author:** Yes  
**Impact source:** WOS (JCR) **Category:** Science Edition - MEDICINE, GENERAL & INTERNAL  
**Impact index in year of publication:** 8.3 **Journal in the top 25%:** Yes  
**Position of publication:** 19 **No. of journals in the cat.:** 332
- 4** Ana Sayago; RAÚL GONZÁLEZ DOMÍNGUEZ; Ángeles Fernández Recamales. Multi-elemental analysis for geographical tracing of chickpeas produced in nearby locations around a Protected Geographical Indication. Plant, Cell & Environment. Wiley, 2025. ISSN 0140-7791  
**DOI:** 10.1111/pce.70047  
**PMID:** 40588825  
**Type of production:** Scientific paper **Format:** Journal

**Position of signature:** 2**Total no. authors:** 3**Impact source:** WOS (JCR)**Impact index in year of publication:** 6.3**Position of publication:** 20**Corresponding author:** Yes**Category:** Science Edition - PLANT SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 273

- 5** Alba Tor Roca; Alex Sánchez Pla; Aniko Korosi; Mercè Pallàs; Paul J Lucassen; Pol Castellano Escuder; Ludwig Aigner; RAÚL GONZÁLEZ DOMÍNGUEZ; Claudine Manach; Francisco Carmona; Esteban Vegas; Catherine Helmer; Catherine Feart; Sophie Lefèvre-Arbogast; Jeanne Neuffer; Hyunah Lee; Sandrine Thuret; Cristina Andrés Lacueva; Cécilia Samieri; Mireia Urpi Sarda. A Mediterranean diet-based metabolomic score and cognitive decline in older adults: A case-control analysis nested within the Three-City Cohort Study. *Molecular Nutrition & Food Research*. 68 - 13, pp. e2300271. Wiley, 2024. ISSN 1613-4125

**DOI:** 10.1002/mnfr.202300271**PMID:** 37876144**Type of production:** Scientific paper**Position of signature:** 8**Total no. authors:** 20**Impact source:** WOS (JCR)**Impact index in year of publication:** 4.2**Position of publication:** 52**Format:** Journal**Corresponding author:** No**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 181

- 6** Álvaro González Domínguez; Lucía Jurado Sumariva; RAÚL GONZÁLEZ DOMÍNGUEZ. Association Between Childhood Obesity, Trace Elements, and Heavy Metals: Recent Discoveries and Future Perspectives. *Obesity Reviews*. 25 - 8, pp. e13764. Wiley, 2024. ISSN 1467-7881

**DOI:** 10.1111/obr.13764**PMID:** 38710665**Type of production:** Scientific paper**Position of signature:** 3**Total no. authors:** 3**Impact source:** WOS (JCR)**Impact index in year of publication:** 7.4**Position of publication:** 18**Format:** Journal**Corresponding author:** Yes**Category:** Science Edition - ENDOCRINOLOGY & METABOLISM**Journal in the top 25%:** Yes**No. of journals in the cat.:** 191

- 7** Andrea Du Preez; Sophie Lefèvre-Arbogast; RAÚL GONZÁLEZ DOMÍNGUEZ; Vikki Houghton; Chiara De Lucia; Hyunah Lee; Dorrain Yanwen Low; Catherine Helmer; Catherine Feart; Cécile Delcourt; Cécile Proust-Lima; Mercè Pallàs; Alex Sánchez Pla; Mireia Urpi Sarda; Silvie Ruigrok; Barbara Altendorfer; Ludwig Aigner; Paul J Lucassen; Aniko Korosi; Claudine Manach; Cristina Andrés Lacueva; Cécilia Samieri; Sandrine Thuret. Association of dietary and nutritional factors with cognitive decline, dementia, and depressive symptomatology in older individuals according to a neurogenesis-centred biological susceptibility to brain ageing. *Age and Ageing*. 53 - S2, pp. ii47 - ii59. Oxford University Press, 2024. ISSN 0002-0729

**DOI:** 10.1093/ageing/afae042**PMID:** 38745492**Type of production:** Scientific paper**Position of signature:** 3**Total no. authors:** 23**Impact source:** WOS (JCR)**Impact index in year of publication:** 71**Position of publication:** 5**Format:** Journal**Corresponding author:** No**Category:** Science Edition - GERIATRICS & GERONTOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 73



- 8** Jorine Geertsema; Marko Kratochvíl; RAÚL GONZÁLEZ DOMÍNGUEZ; Sophie Lefèvre-Arbogast; Dorrain Yanwen Low; Andrea Du Preez; Hyunah Lee; Mireia Urpi Sarda; Alex Sánchez Pla; Ludwig Aigner; Cécilia Samieri; Cristina Andrés Lacueva; Claudine Manach; Sandrine Thuret; Paul J Lucassen; Aniko Korosi. Coffee polyphenols ameliorate early-life stress-induced cognitive deficits in male mice. *Neurobiology of Stress*. 31, pp. 100641. Elsevier Science INC, 2024. ISSN 2352-2895  
**DOI:** 10.1016/j.ynstr.2024.100641  
**PMID:** 38827176  
**Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 16  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 3.6  
**Position of publication:** 105  
**Format:** Journal  
**Corresponding author:** No  
**Category:** Science Edition - NEUROSCIENCES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 314
- 9** Álvaro González Domínguez; RAÚL GONZÁLEZ DOMÍNGUEZ. How Far Are We from Reliable Metabolomics-Based Biomarkers? The Often-Overlooked Importance of Addressing Inter-Individual Variability Factors. *Biochimica et Biophysica Acta - Molecular Basis of Disease*. 1870 - 1, pp. 166910. Elsevier, 2024. ISSN 0925-4439  
**DOI:** 10.1016/j.bbadis.2023.166910  
**PMID:** 37802155  
**Type of production:** Scientific paper  
**Position of signature:** 2  
**Total no. authors:** 2  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 4.2  
**Position of publication:** 14  
**Format:** Journal  
**Corresponding author:** Yes  
**Category:** Science Edition - BIOPHYSICS  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 79
- 10** Alvaro González Domínguez; Jesús Domínguez Riscart; Otto Savolainen; Alfonso Lechuga Sancho; Rikard Landberg; RAÚL GONZÁLEZ DOMÍNGUEZ. Identifying metabolotypes of insulin resistance severity in children with metabolic syndrome. *Cardiovascular Diabetology*. 23 - 1, pp. 315. BMC, 2024. ISSN 1475-2840  
**DOI:** 10.1186/s12933-024-02412-x  
**PMID:** 39192263  
**Type of production:** Scientific paper  
**Position of signature:** 6  
**Total no. authors:** 6  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 10.6  
**Position of publication:** 11  
**Format:** Journal  
**Corresponding author:** Yes  
**Category:** Science Edition - ENDOCRINOLOGY & METABOLISM  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 191
- 11** Andrea Union; Tomás Meroño; Raúl Zamora; Agnetha Linn Rostgaard-Hansen; Antonio Miñarro; Alex Sánchez Pla; Núria Estanyol Torres; Miriam Martínez Huélamo; Marta Cubedo; RAÚL GONZÁLEZ DOMÍNGUEZ; Anne Tjonneland; Gabriele Riccardi; Rikard Landberg; Jytte Halkjær; Cristina Andrés Lacueva. Metabolome biomarkers linking dietary fibre intake with cardiometabolic effects: Results from the Danish Diet, Cancer and Health-Next Generations MAX study. *Food & Function*. 15 - 3, pp. 1643 - 1654. Royal Society of Chemistry, 2024. ISSN 2042-6496  
**DOI:** 10.1039/d3fo04763f  
**PMID:** 38247399  
**Type of production:** Scientific paper  
**Position of signature:** 10  
**Total no. authors:** 15  
**Format:** Journal  
**Corresponding author:** No



**Impact source:** WOS (JCR)

**Impact index in year of publication:** 5.4

**Position of publication:** 61

**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 319

- 12** Álvaro González Domínguez; Lucía Jurado Sumariva; Jesús Domínguez Riscart; Ana Saez Benito; RAÚL GONZÁLEZ DOMÍNGUEZ. Parental obesity predisposes to exacerbated metabolic and inflammatory disturbances in childhood obesity within the framework of an altered profile of trace elements. *Nutrition & Diabetes*. 14 - 1, pp. 2. Springer Nature, 2024. ISSN 2044-4052

**DOI:** 10.1038/s41387-024-00258-6

**PMID:** 38238301

**Type of production:** Scientific paper

**Position of signature:** 5

**Total no. authors:** 5

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 5.2

**Position of publication:** 15

**Format:** Journal

**Corresponding author:** Yes

**Category:** Science Edition - NUTRITION & DIETETICS

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 112

- 13** Alvaro González Domínguez; Otto Savolainen; Jesús Domínguez Riscart; Rikard Landberg; Alfonso Lechuga Sancho; RAÚL GONZÁLEZ DOMÍNGUEZ. Probing erythrocytes as sensitive and reliable sensors of metabolic disturbances in the crosstalk between childhood obesity and insulin resistance: Findings from an observational study, in vivo challenge tests, and ex vivo incubation assays. *Cardiovascular Diabetology*. 23 - 1, pp. 336. BMC, 2024. ISSN 1475-2840

**DOI:** 10.1186/s12933-024-02395-9

**PMID:** 39261864

**Type of production:** Scientific paper

**Position of signature:** 6

**Total no. authors:** 6

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 10.6

**Position of publication:** 11

**Format:** Journal

**Corresponding author:** Yes

**Category:** Science Edition - ENDOCRINOLOGY & METABOLISM

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 191

- 14** Álvaro González Domínguez; Núria Estanyol Torres; Carl Brunius; Rikard Landberg; RAÚL GONZÁLEZ DOMÍNGUEZ. QComics: Recommendations and Guidelines for Robust, Easily Implementable and Reportable Quality Control of Metabolomics Data. *Analytical Chemistry*. 96 - 3, pp. 1064 - 1072. American Chemical Society, 2024. ISSN 0003-2700

**DOI:** 10.1021/acs.analchem.3c03660

**PMID:** 38179935

**Type of production:** Scientific paper

**Position of signature:** 5

**Total no. authors:** 5

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 6.7

**Position of publication:** 10

**Format:** Journal

**Corresponding author:** Yes

**Category:** Science Edition - CHEMISTRY, ANALYTICAL

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 111

- 15** Núria Estanyol Torres\*; Cristina Domenech Coca\*; RAÚL GONZÁLEZ DOMÍNGUEZ\*; Antonio Miñarro; Ferran Reverter; Jose Antonio Moreno Muñoz; Jesús Jiménez; Manel Martín Palomas; Pol Castellano Escuder; Hamza Mostafa; Santi García Vallvé; Nerea Abasolo; Miguel A. Rodríguez; Helena Torrell; Josep M del Bas; Alex Sanchez Pla; Antoni Caimari; Anna Mas Capdevila; Cristina Andrés Lacueva; Anna Crescenti. A mixture of four dietary



fibres ameliorates adiposity and improves metabolic profile and intestinal health in cafeteria-fed obese rats: an integrative multi-omics approach. *Journal of Nutritional Biochemistry*. 111, pp. 109184. Elsevier Science Inc, 2023. ISSN 0955-2863

**DOI:** 10.1016/j.jnutbio.2022.109184

**PMID:** 36265688

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 20

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

**Impact index in year of publication:** 4.8

**Journal in the top 25%:** Yes

**Position of publication:** 67

**No. of journals in the cat.:** 313

- 16** Álvaro González Domínguez; Thalía Belmonte; RAÚL GONZÁLEZ DOMÍNGUEZ. Childhood Obesity, Metabolic Syndrome, and Oxidative Stress: microRNAs Go on Stage. *Reviews in Endocrine and Metabolic Disorders*. 24 - 6, pp. 1147 - 1164. Springer, 2023. ISSN 1389-9155

**DOI:** 10.1007/s11154-023-09834-0

**PMID:** 37672200

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3

**Total no. authors:** 3

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - ENDOCRINOLOGY & METABOLISM

**Impact index in year of publication:** 6.9

**Journal in the top 25%:** Yes

**Position of publication:** 17

**No. of journals in the cat.:** 186

- 17** Álvaro González Domínguez; Jesús Domínguez Riscart; María Millán Martínez; Alfonso María Lechuga Sancho; RAÚL GONZÁLEZ DOMÍNGUEZ. Exploring the Association between Circulating Trace Elements, Metabolic Risk Factors, and the Adherence to a Mediterranean Diet among Children and Adolescents with Obesity. *Frontiers in Public Health*. 10, pp. 1016819. Frontiers Media SA, 2023. ISSN 2296-2565

**DOI:** 10.3389/fpubh.2022.1016819

**PMID:** 36711380

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 5

**Corresponding author:** Yes

**Impact source:** WOS (JCR)

**Category:** Science Edition - PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH

**Impact index in year of publication:** 3.0

**Journal in the top 25%:** No

**Position of publication:** 115

**No. of journals in the cat.:** 408

- 18** RAÚL GONZÁLEZ DOMÍNGUEZ; Ana Sayago; María Santos Martín; Ángeles Fernández Recamales. Hollow-Fiber Liquid-Phase Micro-Extraction Method for the Simultaneous Derivatization, Extraction, and Pre-concentration of Organotin Compounds from Packed Fruit Juices. *Food Analytical Methods*. 16, pp. 63 - 70. Springer, 2023. ISSN 1936-9751

**DOI:** 10.1007/s12161-022-02393-1

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 4

**Corresponding author:** Yes

**Impact source:** WOS (JCR)

**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY



**Impact index in year of publication:** 2.6  
**Position of publication:** 86

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 173

- 19** Simone Lista; RAÚL GONZÁLEZ DOMÍNGUEZ; Susana López Ortiz; Álvaro González Domínguez; Héctor Menéndez; Juan Martín Hernández; Alejandro Lucia; Enzo Emanuele; Diego Centonze; Bruno P. Imbimbo; Viviana Triaca; Luana Lionetto; Maurizio Simmaco; Miroslava Cuperlovic-Culf; Jericha Mill; Lingjun Li; Mark Mapstone; Alejandro Santos Lozano; Robert Nisticò. Integrative metabolomics science in Alzheimer's disease: relevance and future perspectives. *Ageing Research Reviews*. 89, pp. 101987. Elsevier, 2023. ISSN 1568-1637

**DOI:** 10.1016/j.arr.2023.101987

**PMID:** 37343679

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 19

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - GERIATRICS & GERONTOLOGY

**Impact index in year of publication:** 12.5

**Journal in the top 25%:** Yes

**Position of publication:** 3

**No. of journals in the cat.:** 74

- 20** Álvaro González Domínguez; María Millán Martínez; Jesús Domínguez Riscart; Alfonso María Lechuga Sancho; RAÚL GONZÁLEZ DOMÍNGUEZ. Metal Homeostasis and Exposure in Distinct Phenotypic Subtypes of Insulin Resistance Among Children with Obesity. *Nutrients*. 15 - 10, pp. 2347. MDPI, 2023. ISSN 2072-6643

**DOI:** 10.3390/nu15102347

**PMID:** 37242230

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 5

**Total no. authors:** 5

**Corresponding author:** Yes

**Impact source:** WOS (JCR)

**Category:** Science Edition - NUTRITION & DIETETICS

**Impact index in year of publication:** 4.8

**Journal in the top 25%:** Yes

**Position of publication:** 18

**No. of journals in the cat.:** 114

- 21** Hamza Mostafa; Inken Behrendt; Tomás Meroño; RAÚL GONZÁLEZ DOMÍNGUEZ; Mathias Fasshauer; Silvia Rudloff; Cristina Andrés Lacueva; Sabine Kuntz. Plasma anthocyanins and their metabolites reduce in vitro migration of pancreatic cancer cells, PANC-1, in a FAK- and NF- $\kappa$ B dependent manner: Results from the ATTACH-study a randomized, controlled, crossover trial in healthy subjects. *Biomedicine & Pharmacotherapy*. 158, pp. 114076. Elsevier, 2023. ISSN 0753-3322

**DOI:** 10.1016/j.biopha.2022.114076

**PMID:** 36516693

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 4

**Total no. authors:** 8

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - PHARMACOLOGY & PHARMACY

**Impact index in year of publication:** 6.9

**Journal in the top 25%:** Yes

**Position of publication:** 15

**No. of journals in the cat.:** 354

- 22** Álvaro González Domínguez; Jesús Domínguez Riscart; María Millán Martínez; Alfonso María Lechuga Sancho; RAÚL GONZÁLEZ DOMÍNGUEZ. Sexually Dimorphic Metal Alterations in Childhood Obesity are Modulated by a Complex Interplay Between Inflammation, Insulin, and Sex Hormones. *BioFactors*. 49 - 4, pp. 849 - 860. Wiley, 2023. ISSN 0951-6433

**DOI:** 10.1002/biof.1948

**PMID:** 36945726**Type of production:** Scientific paper**Position of signature:** 5**Total no. authors:** 5**Impact source:** WOS (JCR)**Impact index in year of publication:** 5.0**Position of publication:** 64**Format:** Journal**Corresponding author:** Yes**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 313

- 23** Álvaro González Domínguez; Jesús Domínguez Riscart; María Millán Martínez; Rosa María Mateos Bernal; Alfonso María Lechuga Sancho; RAÚL GONZÁLEZ DOMÍNGUEZ. Trace Elements as Potential Modulators of Puberty-Induced Amelioration of Oxidative Stress and Inflammation in Childhood Obesity. *BioFactors*. 49 - 4, pp. 820 - 830. Wiley, 2023. ISSN 0951-6433

**DOI:** 10.1002/biof.1946**PMID:** 36929162**Type of production:** Scientific paper**Position of signature:** 6**Total no. authors:** 6**Impact source:** WOS (JCR)**Impact index in year of publication:** 5.0**Position of publication:** 64**Format:** Journal**Corresponding author:** Yes**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 313

- 24** María Santos Martín; Juan Cubero Cardoso; RAÚL GONZÁLEZ DOMÍNGUEZ; Esperanza Cortés Triviño; Ana Sayago; Juan Urbano; Ángeles Fernández Recamales. Ultrasound-Assisted Extraction of Phenolic Compounds from Blueberry Leaves Using Natural Deep Eutectic Solvents (NADES) for the Valorization of Agrifood Wastes. *Biomass and Bioenergy*. 175, pp. 106882. Pergamon - Elsevier Science LTD, 2023. ISSN 0961-9534

**DOI:** 10.1016/j.biombioe.2023.106882**Type of production:** Scientific paper**Position of signature:** 3**Total no. authors:** 7**Impact source:** WOS (JCR)**Impact index in year of publication:** 5.8**Position of publication:** 24**Format:** Journal**Corresponding author:** Yes**Category:** Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 174

- 25** Gregorio Peron; Tomás Meroño; Giorgio Gargari; Nicole Hidalgo Liberona; Antonio Miñarro; Esteban Vegas Lozano; Pol Castellano Escuder; RAÚL GONZÁLEZ DOMÍNGUEZ; Cristian del Bo'; Stefano Bernardi; Paul A. Kroon; Antonio Cherubini; Patrizia Riso; Simone Guglielmetti; Cristina Andrés Lacueva. A polyphenol-rich diet increases the gut microbiota metabolite indole 3-propionic acid in older adults with preserved kidney function: implication of the gut-kidney axis in dietary interventions. *Molecular Nutrition & Food Research*. 66 - 21, pp. 2100349. Wiley, 2022. ISSN 1613-4125

**DOI:** 10.1002/mnfr.202100349**PMID:** 35315592**Type of production:** Scientific paper**Position of signature:** 8**Total no. authors:** 15**Impact source:** WOS (JCR)**Impact index in year of publication:** 5.2**Position of publication:** 34**Format:** Journal**Corresponding author:** No**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 142



- 26** Álvaro González Domínguez; María Millán Martínez; Jesús Domínguez Riscart; Rosa María Mateos; Alfonso María Lechuga Sancho; RAÚL GONZÁLEZ DOMÍNGUEZ. Altered Metal Homeostasis Associates with Inflammation, Oxidative Stress, Impaired Glucose Metabolism, and Dyslipidemia in the Crosstalk between Childhood Obesity and Insulin Resistance. *Antioxidants*. 11 - 12, pp. 2439. MDPI, 2022. ISSN 2076-3921  
**DOI:** 10.3390/antiox11122439  
**PMID:** 36552647  
**Type of production:** Scientific paper  
**Position of signature:** 6  
**Total no. authors:** 6  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 7.0  
**Position of publication:** 13  
**Format:** Journal  
**Corresponding author:** Yes  
**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 142
- 27** RAÚL GONZÁLEZ DOMÍNGUEZ; Ana Sayago; Ángeles Fernández Recamales. An Overview on the Application of Chemometrics Tools in Food Authenticity and Traceability. *Foods*. 11 - 23, pp. 3940. MDPI, 2022. ISSN 2304-8158  
**DOI:** 10.3390/foods11233940  
**PMID:** 36496748  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 3  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 5.2  
**Position of publication:** 34  
**Format:** Journal  
**Corresponding author:** Yes  
**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 142
- 28** RAÚL GONZÁLEZ DOMÍNGUEZ; Pol Castellano Escuder; Sophie Lefèvre-Arbogast; Dorrain Yanwen Low; Andrea Du Preez; Silvie Ruigrok; Hyunah Lee; Catherine Helmer; Mercè Pallàs; Mireia Urpi Sarda; Alex Sánchez Pla; Aniko Korosi; Paul J Lucassen; Ludwig Aigner; Claudine Manach; Sandrine Thuret; Cécilia Samieri; Cristina Andrés Lacueva. Apolipoprotein E and sex modulate fatty acid metabolism in a prospective observational study of cognitive decline. *Alzheimer's Research & Therapy*. 14, pp. 1. BMC, 2022. ISSN 1758-9193  
**DOI:** 10.1186/s13195-021-00948-8  
**PMID:** 34980257  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 18  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 9.0  
**Position of publication:** 13  
**Format:** Journal  
**Corresponding author:** Yes  
**Category:** Science Edition - CLINICAL NEUROLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 212
- 29** Pol Castellano Escuder; RAÚL GONZÁLEZ DOMÍNGUEZ; Marie-France Vaillant; Patricia Casas Agustench; Nicole Hidalgo Liberona; Núria Estanyol Torres; Thomas Wilson; Manfred Beckmann; Amanda Jane Lloyd; Marion Oberli; Christophe Moinard; Christophe Pison; Borel Jean-Christian; Marie Joyeux-Faure; Mariette Sicard; Svetlana Artemova; Hugo Terrisse; Paul Dancer; John Draper; Alex Sanchez Pla; Cristina Andrés Lacueva. Assessing adherence to healthy dietary habits through the urinary food metabolome: results from a European two-centre study. *Frontiers in Nutrition*. 9, pp. 880770. Frontiers Media SA, 2022. ISSN 2296-861X  
**DOI:** 10.3389/fnut.2022.880770  
**PMID:** 35757242  
**Type of production:** Scientific paper  
**Format:** Journal



**Position of signature:** 2

**Total no. authors:** 21

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 5.0

**Position of publication:** 28

**Corresponding author:** No

**Category:** Science Edition - NUTRITION & DIETETICS

**Journal in the top 25%:** No

**No. of journals in the cat.:** 88

- 30** Teresa Cavaco; Ana Cristina Figueira; RAÚL GONZÁLEZ DOMÍNGUEZ; Ana Sayago; Ángeles Fernández Recamales. Evolution of physicochemical parameters during the thermal-based production of água-mel, a traditional Portuguese honey-related food product. *Molecules*. 27 - 1, pp. 57. MDPI, 2022. ISSN 1420-3049

**DOI:** 10.3390/molecules27010057

**PMID:** 35011289

**Type of production:** Scientific paper

**Position of signature:** 3

**Total no. authors:** 5

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 4.6

**Position of publication:** 63

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - CHEMISTRY, MULTIDISCIPLINARY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 178

- 31** Jeanne Neuffer; RAÚL GONZÁLEZ DOMÍNGUEZ; Sophie Lefèvre-Arbogast; Dorrain Yanwen Low; Bénédicte Driollet; Catherine Helmer; Andrea Du Preez; Chiara De Lucia; Silvie Ruigrok; Barbara Altendorfer; Ludwig Aigner; Paul J Lucassen; Aniko Korosi; Sandrine Thuret; Claudine Manach; Mercè Pallàs; Mireia Urpi Sarda; Alex Sánchez Pla; Cristina Andrés Lacueva; Cécilia Samieri. Exploration of the gut-brain axis through metabolomics identifies serum propionic acid associated with higher cognitive decline in older persons. *Nutrients*. 14 - 21, pp. 4688. MDPI, 2022. ISSN 2072-6643

**DOI:** 10.3390/nu14214688

**PMID:** 36364950

**Type of production:** Scientific paper

**Position of signature:** 2

**Total no. authors:** 20

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 5.9

**Position of publication:** 17

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - NUTRITION & DIETETICS

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 88

- 32** RAÚL GONZÁLEZ DOMÍNGUEZ. Food Authentication: Techniques, Trends and Emerging Approaches (Second Issue). *Foods*. 11 - 13, pp. 1926. MDPI, 2022. ISSN 2304-8158

**DOI:** 10.3390/foods11131926

**PMID:** 35804739

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 1

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 5.2

**Position of publication:** 34

**Format:** Journal

**Corresponding author:** Yes

**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 142

- 33** RAÚL GONZÁLEZ DOMÍNGUEZ; Ana Sayago; María Santos Martín; Ángeles Fernández Recamales. High-Throughput Method for Wide-Coverage and Quantitative Phenolic Fingerprinting in Plant-Origin Foods and Urine Samples. *Journal of Agricultural and Food Chemistry*. 70 - 25, pp. 7796 - 7804. American Chemical Society, 2022. ISSN 0021-8561

**DOI:** 10.1021/acs.jafc.2c01453

**PMID:** 35703393

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 4

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 6.1

**Position of publication:** 6

**Format:** Journal

**Corresponding author:** Yes

**Category:** Science Edition - AGRICULTURE, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 58

- 34** Steven Saavedra; Ángeles Fernández Recamales; Ana Sayago; Antonio Cervera Barajas; RAÚL GONZÁLEZ DOMÍNGUEZ; Juan Diego González Sanz. Impact of dietary mercury intake during pregnancy on the health of neonates and children: a systematic review. *Nutrition Reviews*. 80 - 2, pp. 317 - 328. Oxford University Press, 2022. ISSN 0029-6643

**DOI:** 10.1093/nutrit/nuab029

**PMID:** 33954792

**Type of production:** Scientific paper

**Position of signature:** 5

**Total no. authors:** 6

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 6.1

**Position of publication:** 15

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - NUTRITION & DIETETICS

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 88

- 35** Andrea Du Preez; Sophie Lefèvre-Arbogast; RAÚL GONZÁLEZ DOMÍNGUEZ; Vikki Houghton; Chiara De Lucia; Dorrain Yanwen Low; Catherine Helmer; Catherine Feart; Cécile Delcourt; Cécile Proust-Lima; Mercè Pallàs; Alex Sánchez Pla; Mireia Urpi Sarda; Silvie Ruigrok; Barbara Altendorfer; Ludwig Aigner; Paul J Lucassen; Aniko Korosi; Claudine Manach; Cristina Andrés Lacueva; Cécilia Samieri; Sandrine Thuret. Impaired hippocampal neurogenesis in vitro is modulated by dietary-related endogenous factors and associated with depression in a longitudinal ageing cohort study. *Molecular Psychiatry*. 27, pp. 3425 - 3440. Springer Nature, 2022. ISSN 1359-4184

**DOI:** 10.1038/s41380-022-01644-1

**PMID:** 35794184

**Type of production:** Scientific paper

**Position of signature:** 3

**Total no. authors:** 22

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 11.0

**Position of publication:** 24

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 285

- 36** Inken Behrendt; Isabella Röder; Frank Will; Hamza Mostafa; RAÚL GONZÁLEZ DOMÍNGUEZ; Tomás Meroño; Cristina Andrés Lacueva; Mathias Fasshauer; Silvia Rudloff; Sabine Kuntz. Influence of plasma isolated anthocyanins and their metabolites on cancer cell migration (HT-29 and Caco-2) in vitro: Results of the ATTACH study. *Antioxidants*. 11 - 7, pp. 1341. MDPI, 2022. ISSN 2076-3921

**DOI:** 10.3390/antiox11071341

**PMID:** 35883834

**Type of production:** Scientific paper

**Position of signature:** 5

**Total no. authors:** 10

**Impact source:** WOS (JCR)

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY

**Impact index in year of publication:** 7.0  
**Position of publication:** 13

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 142

- 37** Tomás Meroño; Gregorio Peron; Giorgio Gargari; RAÚL GONZÁLEZ DOMÍNGUEZ; Antonio Miñarro; Esteban Vegas Lozano; Nicole Hidalgo Liberona; Cristian del Bo'; Stefano Bernardi; Paul A. Kroon; Barbara Carrieri; Antonio Cherubini; Patrizia Riso; Simone Guglielmetti; Cristina Andrés Lacueva. The relevance of urolithins-based metabotyping for assessing the effects of a polyphenol-rich dietary intervention on intestinal permeability: A post-hoc analysis of the MaPLE trial. *Food Research International*. 159, pp. 111632. Elsevier, 2022. ISSN 0963-9969

**DOI:** 10.1016/j.foodres.2022.111632

**PMID:** 35940768

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 4

**Total no. authors:** 15

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY

**Impact index in year of publication:** 8.1

**Journal in the top 25%:** Yes

**Position of publication:** 10

**No. of journals in the cat.:** 142

- 38** Andrea Du Preez; Sophie Lefèvre-Arbogast; Vikki Houghton; Chiara De Lucia; Dorrain Yanwen Low; Catherine Helmer; Catherine Feart; Cécile Delcourt; Cécile Proust-Lima; Mercè Pallàs; Silvie Ruigrok; Barbara Altendorfer; RAÚL GONZÁLEZ DOMÍNGUEZ; Alex Sánchez Pla; Mireia Urpi Sarda; Cristina Andrés Lacueva; Ludwig Aigner; Paul J Lucassen; Aniko Korosi; Claudine Manach; Cécilia Samieri; Sandrine Thuret. The serum metabolome mediates the concert of diet, exercise and neurogenesis, determining the risk for cognitive decline and dementia. *Alzheimer's & Dementia*. 18 - 4, pp. 654 - 675. Wiley, 2022. ISSN 1552-5260

**DOI:** 10.1002/alz.12428

**PMID:** 34402599

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 13

**Total no. authors:** 22

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - CLINICAL NEUROLOGY

**Impact index in year of publication:** 14.0

**Journal in the top 25%:** Yes

**Position of publication:** 6

**No. of journals in the cat.:** 212

- 39** Cristian del Bo'; Stefano Bernardi; Antonio Cherubini; Marisa Porrini; Giorgio Gargari; Nicole Hidalgo Liberona; RAÚL GONZÁLEZ DOMÍNGUEZ; Raúl Zamora Ros; Gregorio Peron; Mirko Marino; Letizia Gigliotti; Mark S. Winterbone; Benjamin Kirkup; Paul A. Kroon; Cristina Andrés Lacueva; Simone Guglielmetti; Patrizia Riso. A polyphenol-rich dietary pattern improves intestinal permeability, evaluated as serum zonulin levels, in older subjects: the MaPLE randomised controlled trial. *Clinical Nutrition*. 40 - 5, pp. 3006 - 3018. Elsevier, 2021. ISSN 0261-5614

**DOI:** 10.1016/j.clnu.2020.12.014

**PMID:** 33388204

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 7

**Total no. authors:** 17

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - NUTRITION & DIETETICS

**Impact index in year of publication:** 7.643

**Journal in the top 25%:** Yes

**Position of publication:** 13

**No. of journals in the cat.:** 90

- 40** Giorgio Gargari; Giacomo Mantegazza; Valentina Taverniti; Cristian del Bo'; Stefano Bernardi; Cristina Andrés Lacueva; RAÚL GONZÁLEZ DOMÍNGUEZ; Paul A. Kroon; Mark S. Winterbone; Antonio Cherubini; Patrizia Riso; Simone Guglielmetti. Bacterial DNAemia is associated with serum zonulin levels in older subjects. *Scientific Reports*. 11, pp. 11054. Nature Publishing Group, 2021. ISSN 2045-2322  
**DOI:** 10.1038/s41598-021-90476-0  
**PMID:** 34040086  
**Type of production:** Scientific paper  
**Position of signature:** 7  
**Total no. authors:** 12  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 4.996  
**Position of publication:** 19  
**Format:** Journal  
**Corresponding author:** No  
**Category:** Science Edition - MULTIDISCIPLINARY SCIENCES  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 74
- 41** Gregorio Peron; Giorgio Gargari; Tomás Meroño; Antonio Miñarro; Esteban Vegas Lozano; Pol Castellano Escuder; RAÚL GONZÁLEZ DOMÍNGUEZ; Nicole Hidalgo Liberona; Cristian del Bo'; Stefano Bernardi; Paul A. Kroon; Barbara Carrieri; Antonio Cherubini; Patrizia Riso; Simone Guglielmetti; Cristina Andrés Lacueva. Crosstalk among intestinal barrier, gut microbiota and serum metabolome after a polyphenol-rich diet in older subjects with "leaky gut": The MaPLE trial. *Clinical Nutrition*. 40 - 10, pp. 5288 - 5297. Elsevier, 2021. ISSN 0261-5614  
**DOI:** 10.1016/j.clnu.2021.08.027  
**PMID:** 34534897  
**Type of production:** Scientific paper  
**Position of signature:** 7  
**Total no. authors:** 16  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 7.643  
**Position of publication:** 13  
**Format:** Journal  
**Corresponding author:** No  
**Category:** Science Edition - NUTRITION & DIETETICS  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 90
- 42** Dorrain Low; Pierre Micheau; Ville Mikael Koistinen; Kati Hanhineva; László Abrankó; Ana Rodriguez Mateos; Andreia Bento da Silva; Christof Van Poucke; Conceição Almeida; Cristina Andrés Lacueva; Dilip K Rai; Esra Capanoglu; Francisco Tomás Barberán; Fulvio Mattivi; Gesine Schmidt; Gözde Gürdeniz; Kateřina Valentová; Letizia Bresciani; Lucie Petrášková; Lars Ove Dragsted; Mark Philo; Marynka Ulaszewska; Pedro Mena; RAÚL GONZÁLEZ DOMÍNGUEZ; Rocio Garcia Villalba; Senem Kamiloglu; Sonia de Pascual Teresa; Stephanie Durand; Wiesław Wiczkowski; Maria Rosário Bronze; Jan Stanstrup; Claudine Manach. Data sharing in PredRet for accurate prediction of retention time: application to plant food bioactive compounds. *Food Chemistry*. 357, pp. 129757. Elsevier, 2021. ISSN 0308-8146  
**DOI:** 10.1016/j.foodchem.2021.129757  
**PMID:** 33872868  
**Type of production:** Scientific paper  
**Position of signature:** 24  
**Total no. authors:** 32  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 9.231  
**Position of publication:** 8  
**Format:** Journal  
**Corresponding author:** No  
**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 144
- 43** Sophie Lefèvre-Arbogast; Boris P Hejblum; Catherine Helmer; Christian Klose; Claudine Manach; Dorrain Yanwen Low; Mireia Urpi Sarda; Cristina Andrés Lacueva; RAÚL GONZÁLEZ DOMÍNGUEZ; Ludwig Aigner; Barbara Altendorfer; Paul J Lucassen; Silvie R; Chiara De Lucia; Andrea Du Preez; Cécile Proust-Lima; Sandrine Thuret; Aniko Korosi; Cécilia Samieri. Early signature in the blood lipidome associated with subsequent cognitive decline in



the elderly: a case-control analysis nested within the Three-City cohort study. *EBioMedicine*. 64, pp. 103216. Elsevier, 2021. ISSN 2352-3964

**DOI:** 10.1016/j.ebiom.2021.103216

**PMID:** 33508744

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 9

**Total no. authors:** 19

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - MEDICINE, RESEARCH & EXPERIMENTAL

**Impact index in year of publication:** 11.205

**Journal in the top 25%:** Yes

**Position of publication:** 14

**No. of journals in the cat.:** 139

- 44** RAÚL GONZÁLEZ DOMÍNGUEZ; Pol Castellano Escuder; Francisco Carmona; Sophie Lefèvre-Arbogast; Dorrain Yanwen Low; Andrea Du Preez; Silvie Ruigrok; Claudine Manach; Mireia Urpi Sarda; Aniko Korosi; Paul J Lucassen; Ludwig Aigner; Mercè Pallàs; Sandrine Thuret; Cécilia Samieri; Alex Sánchez Pla; Cristina Andrés Lacueva. Food and microbiota metabolites associate with cognitive decline in older subjects: A twelve-year prospective study. *Molecular Nutrition & Food Research*. 65 - 23, pp. e2100606. Wiley, 2021. ISSN 1613-4125

**DOI:** 10.1002/mnfr.202100606

**PMID:** 34661340

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 17

**Corresponding author:** Yes

**Impact source:** WOS (JCR)

**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY

**Impact index in year of publication:** 6.575

**Journal in the top 25%:** Yes

**Position of publication:** 21

**No. of journals in the cat.:** 144

- 45** RAÚL GONZÁLEZ DOMÍNGUEZ; Álvaro González Domínguez; Ana Sayago; Juan Diego González Sanz; Alfonso Lechuga Sancho; Ángeles Fernández Recamales. Mechanistic Insights into Alzheimer's Disease Unveiled through the Investigation of Disturbances in Central Metabolites and Metabolic Pathways. *Biomedicine*. 9 - 3, pp. 298. MDPI, 2021. ISSN 2227-9059

**DOI:** 10.3390/biomedicine9030298

**PMID:** 33799385

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 6

**Corresponding author:** Yes

**Impact source:** WOS (JCR)

**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

**Impact index in year of publication:** 4.757

**Journal in the top 25%:** No

**Position of publication:** 121

**No. of journals in the cat.:** 297

- 46** Pol Castellano Escuder; RAÚL GONZÁLEZ DOMÍNGUEZ; Francesc Carmona Pontaque; Cristina Andrés Lacueva; Alex Sánchez Pla. POMAShiny: a user-friendly web-based workflow for metabolomics and proteomics data analysis. *PLoS Computational Biology*. 17 - 7, pp. e1009148. Public Library of Science, 2021. ISSN 1553-734X

**DOI:** 10.1371/journal.pcbi.1009148

**PMID:** 34197462

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 5

**Corresponding author:** No

**Impact source:** WOS (JCR)



**Impact index in year of publication:** 4.779

**Position of publication:** 9

**Category:** Science Edition - MATHEMATICAL & COMPUTATIONAL BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 57

- 47** RAÚL GONZÁLEZ DOMÍNGUEZ; Ana Sayago; Ángeles Fernández Recamales. Potential of Ultraviolet-Visible Spectroscopy for the Differentiation of Spanish Vinegars According to the Geographical Origin and the Prediction of their Functional Properties. *Foods*. 10 - 8, pp. 1830. MDPI, 2021. ISSN 2304-8158

**DOI:** 10.3390/foods10081830

**PMID:** 34441606

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 3

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 5.561

**Position of publication:** 35

**Format:** Journal

**Corresponding author:** Yes

**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 144

- 48** Vikki Houghton; Andrea Du Preez; Sophie Lefèvre-Arbogast; Chiara De Lucia; Dorrain Yanwen Low; Mireia Urpi Sarda; Silvie Ruigrok; Barbara Altendorfer; RAÚL GONZÁLEZ DOMÍNGUEZ; Cristina Andrés Lacueva; Ludwig Aigner; Paul J Lucassen; Aniko Korosi; Cécilia Samieri; Claudine Manach; Sandrine Thuret. Caffeine compromises proliferation of human hippocampal progenitor cells. *Frontiers in Cell and Developmental Biology*. 8, pp. 806. Frontiers Media SA, 2020. ISSN 2296-634X

**DOI:** 10.3389/fcell.2020.00806

**PMID:** 33015033

**Type of production:** Scientific paper

**Position of signature:** 9

**Total no. authors:** 16

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 6.684

**Position of publication:** 6

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - DEVELOPMENTAL BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 41

- 49** RAÚL GONZÁLEZ DOMÍNGUEZ; Olga Jáuregui; María Isabel Queipo Ortuño; Cristina Andrés Lacueva. Characterization of the human exposome by a comprehensive and quantitative large scale multi-analyte metabolomics platform. *Analytical Chemistry*. 92 - 20, pp. 13767 - 13775. American Chemical Society, 2020. ISSN 0003-2700

**DOI:** 10.1021/acs.analchem.0c02008

**PMID:** 32966057

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 4

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 6.986

**Position of publication:** 8

**Format:** Journal

**Corresponding author:** Yes

**Category:** Science Edition - CHEMISTRY, ANALYTICAL

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 87

- 50** Simone Guglielmetti; Stefano Bernardi; Cristian del Bo'; Antonio Cherubini; Marisa Porrini; Giorgio Gargari; Nicole Hidalgo Liberona; RAÚL GONZÁLEZ DOMÍNGUEZ; Gregorio Peron; Raúl Zamora Ros; Mark S. Winterbone; Benjamin Kirkup; Paul A. Kroon; Cristina Andrés Lacueva; Patrizia Riso. Effect of a polyphenol-rich dietary pattern



on intestinal permeability and gut and blood microbiomics in older subjects: study protocol of the MaPLE randomised controlled trial. BMC Geriatrics. 20, pp. 77. BMC, 2020. ISSN 1471-2318

**DOI:** 10.1186/s12877-020-1472-9

**PMID:** 32102662

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 8

**Total no. authors:** 15

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Social Sciences Edition - GERONTOLOGY

**Impact index in year of publication:** 3.921

**Journal in the top 25%:** Yes

**Position of publication:** 6

**No. of journals in the cat.:** 36

- 51** Daniela Martini; Stefano Bernardi; Cristian del Bo<sup>1</sup>; Nicole Hidalgo Liberona; Raúl Zamora Ros; Massimiliano Tucci; Antonio Cherubini; Marisa Porrini; Giorgio Gargari; RAÚL GONZÁLEZ DOMÍNGUEZ; Gregorio Peron; Benjamin Kirkup; Paul A. Kroon; Cristina Andrés Lacueva; Simone Guglielmetti; Patrizia Riso. Estimated intakes of nutrients and polyphenols in participants completing the MaPLE randomised controlled trial and its relevance for the future development of dietary guidelines for the older subjects. Nutrients. 12 - 8, pp. 2458. MDPI, 2020. ISSN 2072-6643

**DOI:** 10.3390/nu12082458

**PMID:** 32824214

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 10

**Total no. authors:** 16

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - NUTRITION & DIETETICS

**Impact index in year of publication:** 5.717

**Journal in the top 25%:** Yes

**Position of publication:** 17

**No. of journals in the cat.:** 88

- 52** Gregorio Peron; Nicole Hidalgo Liberona; RAÚL GONZÁLEZ DOMÍNGUEZ; Mar García Aloy; Simone Guglielmetti; Stefano Bernardi; Benjamin Kirkup; Paul A. Kroon; Antonio Cherubini; Patrizia Riso; Cristina Andrés Lacueva. Exploring the molecular pathways behind the effects of nutrients and dietary polyphenols on gut microbiota and intestinal permeability: a perspective on the potential of metabolomics and future clinical applications. Journal of Agricultural and Food Chemistry. 68 - 7, pp. 1780 - 1789. American Chemical Society, 2020. ISSN 0021-8561

**DOI:** 10.1021/acs.jafc.9b01687

**PMID:** 31083905

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 3

**Total no. authors:** 11

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - AGRICULTURE, MULTIDISCIPLINARY

**Impact index in year of publication:** 5.279

**Journal in the top 25%:** Yes

**Position of publication:** 5

**No. of journals in the cat.:** 57

- 53** Pol Castellano Escuder; RAÚL GONZÁLEZ DOMÍNGUEZ; David Wishart; Cristina Andrés Lacueva; Alex Sánchez Pla. FOBI: An ontology to represent food intake data and associate it with metabolomic data. Database-The Journal of Biological Databases and Curation. 2020, pp. baaa033. Oxford University Press, 2020. ISSN 1758-0463

**DOI:** 10.1093/databa/baaa033

**PMID:** 32556148

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 5

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - MATHEMATICAL & COMPUTATIONAL BIOLOGY



**Impact index in year of publication:** 3.451  
**Position of publication:** 14

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 58

- 54** RAÚL GONZÁLEZ DOMÍNGUEZ; Ana Sayago; Ángeles Fernández Recamales. Fatty Acid Profiling for the Authentication of Iberian Hams According to the Feeding Regime. *Foods*. 9 - 2, pp. 149. MDPI, 2020. ISSN 2304-8158  
**DOI:** 10.3390/foods9020149

**PMID:** 32028620

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 3

**Corresponding author:** Yes

**Impact source:** WOS (JCR)

**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY

**Impact index in year of publication:** 4.350

**Journal in the top 25%:** No

**Position of publication:** 37

**No. of journals in the cat.:** 143

- 55** RAÚL GONZÁLEZ DOMÍNGUEZ. Food Authentication: Techniques, Trends and Emerging Approaches. *Foods*. 9 - 3, pp. 346. MDPI, 2020. ISSN 2304-8158

**DOI:** 10.3390/foods9030346

**PMID:** 32191996

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 1

**Corresponding author:** Yes

**Impact source:** WOS (JCR)

**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY

**Impact index in year of publication:** 4.350

**Journal in the top 25%:** No

**Position of publication:** 37

**No. of journals in the cat.:** 143

- 56** RAÚL GONZÁLEZ DOMÍNGUEZ; Nicole Hidalgo Liberona; Esteban Vegas; Patrizia Riso; Cristian Del Bo'; Stefano Bernardi; Gregorio Peron; Simone Guglielmetti; Giorgio Gargari; Paul A. Kroon; Antonio Cherubini; Cristina Andrés Lacueva. Increased intestinal permeability in older subjects impacts the beneficial effects of dietary polyphenols by modulating their bioavailability. *Journal of Agricultural and Food Chemistry*. 68 - 44, pp. 12476 - 12484. American Chemical Society, 2020. ISSN 0021-8561

**DOI:** 10.1021/acs.jafc.0c04976

**PMID:** 33084335

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 12

**Corresponding author:** Yes

**Impact source:** WOS (JCR)

**Category:** Science Edition - AGRICULTURE, MULTIDISCIPLINARY

**Impact index in year of publication:** 5.279

**Journal in the top 25%:** Yes

**Position of publication:** 5

**No. of journals in the cat.:** 57

- 57** Álvaro González Domínguez; Francisco Manuel Visiedo García; Jesús Domínguez Riscart; RAÚL GONZÁLEZ DOMÍNGUEZ; Rosa María Mateos Bernal; Alfonso María Lechuga Sancho. Iron metabolism in obesity and metabolic syndrome. *International Journal of Molecular Sciences*. 21 - 15, pp. 5529. MDPI, 2020. ISSN 1422-0067

**DOI:** 10.3390/ijms21155529

**PMID:** 32752277

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 4

**Total no. authors:** 6

**Corresponding author:** No



**Impact source:** WOS (JCR)

**Impact index in year of publication:** 5.924

**Position of publication:** 67

**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 295

- 58** RAÚL GONZÁLEZ DOMÍNGUEZ; Ana Sayago; Ikram Akhatou; Ángeles Fernández Recamales. Multi-chemical profiling of strawberry as a traceability tool to investigate the effect of cultivar and cultivation conditions. *Foods*. 9 - 1, pp. 96. MDPI, 2020. ISSN 2304-8158

**DOI:** 10.3390/foods9010096

**PMID:** 31963304

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 4

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 4.350

**Position of publication:** 37

**Format:** Journal

**Corresponding author:** Yes

**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 143

- 59** Marie Palmnäs; Carl Brunius; Lin Shi; Agneta Rostgaard-Hansen; Núria Estanyol Torres; RAÚL GONZÁLEZ DOMÍNGUEZ; Raul Zamora Ros; Ye Lingqun Ye; Jytte Halkjær; Anne Tjønneland; Gabriele Riccardi; Rosalba Giacco; Giuseppina Costabile; Claudia Vetrani; Jens Nielsen; Cristina Andres Lacueva; Rikard Landberg. Perspective: Metabotyping - A Potential Personalized Nutrition Strategy for Precision Prevention of Cardiometabolic Disease. *Advances in Nutrition*. 11 - 3, pp. 524 - 532. Oxford University Press, 2020. ISSN 2156-5376

**DOI:** 10.1093/advances/nmz121

**PMID:** 31782487

**Type of production:** Scientific paper

**Position of signature:** 6

**Total no. authors:** 17

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 8.701

**Position of publication:** 4

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - NUTRITION & DIETETICS

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 88

- 60** Stefano Bernardi; Cristian del Bo; Mirko Marino; Giorgio Gargari; Antonio Cherubini; Cristina Andrés Lacueva; Nicole Hidalgo Liberona; Gregorio Peron; RAÚL GONZÁLEZ DOMÍNGUEZ; Paul A. Kroon; Benjamin Kirkup; Simone Guglielmetti; Patrizia Riso. Polyphenols and intestinal permeability: rationale and future perspectives. *Journal of Agricultural and Food Chemistry*. 68 - 7, pp. 1816 - 1829. American Chemical Society, 2020. ISSN 0021-8561

**DOI:** 10.1021/acs.jafc.9b02283

**PMID:** 31265272

**Type of production:** Scientific paper

**Position of signature:** 9

**Total no. authors:** 13

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 5.279

**Position of publication:** 5

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - AGRICULTURE, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 57

- 61** RAÚL GONZÁLEZ DOMÍNGUEZ; Olga Jáuregui; Pedro Mena; Kati Hanhineva; Francisco José Tinahones; Donato Angelino; Cristina Andrés Lacueva. Quantifying the human diet in the crosstalk between nutrition and health by multi-targeted metabolomics of food and microbiota-derived metabolites. *International Journal of Obesity*. 44, pp. 2372 - 2381. Nature Publishing Group, 2020. ISSN 0307-0565



**DOI:** 10.1038/s41366-020-0628-1

**PMID:** 32541919

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 7

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 5.095

**Position of publication:** 23

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - NUTRITION & DIETETICS

**Journal in the top 25%:** No

**No. of journals in the cat.:** 88

- 62** RAÚL GONZÁLEZ DOMÍNGUEZ; Mireia Urpi Sarda; Olga Jáuregui; Paul W Needs; Paul A Kroon; Cristina Andrés Lacueva. Quantitative Dietary Fingerprinting (QDF) - A Novel Tool for Comprehensive Dietary Assessment Based on Urinary Nutrimetabolomics. *Journal of Agricultural and Food Chemistry*. 68 - 7, pp. 1851 - 1861. American Chemical Society, 2020. ISSN 0021-8561

**DOI:** 10.1021/acs.jafc.8b07023

**PMID:** 30799616

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 6

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 5.279

**Position of publication:** 5

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - AGRICULTURE, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 57

- 63** RAÚL GONZÁLEZ DOMÍNGUEZ; Álvaro González Domínguez; Ana Sayago; Ángeles Fernández Recamales. Recommendations and Best Practices for Standardizing the Pre-Analytical Processing of Blood and Urine Samples in Metabolomics. *Metabolites*. 10 - 6, pp. 229. MDPI, 2020. ISSN 2218-1989

**DOI:** 10.3390/metabo10060229

**Handle:** 32503183

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 4

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 4.932

**Position of publication:** 94

**Format:** Journal

**Corresponding author:** Yes

**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 295

- 64** RAÚL GONZÁLEZ DOMÍNGUEZ; Ana Sayago; Ikram Akhatou; Ángeles Fernández Recamales. Volatile profiling of strawberry fruits cultivated in soilless system to investigate cultivar-dependent chemical descriptors. *Foods*. 9 - 6, pp. 768. MDPI, 2020. ISSN 2304-8158

**DOI:** 10.3390/foods9060768

**PMID:** 32545160

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 4

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 4.350

**Position of publication:** 37

**Format:** Journal

**Corresponding author:** Yes

**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 143



- 65** Ana Sayago; RAÚL GONZÁLEZ DOMÍNGUEZ; Maria Teresa Morales; Ángeles Fernández Recamales. Assessment of virgin olive oil adulteration by a rapid luminescent method. *Foods*. 8 - 8, pp. 287. MDPI, 2019. ISSN 2304-8158  
**DOI:** 10.3390/foods8080287  
**PMID:** 31349694  
**Type of production:** Scientific paper  
**Position of signature:** 2  
**Total no. authors:** 4  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 4.092  
**Position of publication:** 27  
**Format:** Journal  
**Corresponding author:** Yes  
**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 139
- 66** Ana Sayago; RAÚL GONZÁLEZ DOMÍNGUEZ; Juan Urbano; Ángeles Fernández Recamales. Combination of vintage and new-fashioned analytical approaches for varietal and geographical traceability of olive oils. *LWT- Food Science and Technology*. 111, pp. 99 - 104. Elsevier Science Bv, 2019. ISSN 0023-6438  
**DOI:** 10.1016/j.lwt.2019.05.009  
**Type of production:** Scientific paper  
**Position of signature:** 2  
**Total no. authors:** 4  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 4.006  
**Position of publication:** 28  
**Format:** Journal  
**Corresponding author:** Yes  
**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 139
- 67** Dorrain Yanwen Low; Sophie Lefèvre-Arbogast; RAÚL GONZÁLEZ DOMÍNGUEZ; Mireia Urpi Sarda; Pierre Micheau; Melanie Petera; Delphine Centeno; Stephanie Durand; Estelle Pujos Guillot; Aniko Korosi; Paul J Lucassen; Ludwig Aigner; Cécile Proust-Lima; Boris P Hejblum; Catherine Helmer; Cristina Andrés Lacueva; Sandrine Thuret; Cécilia Samieri; Claudine Manach. Diet-related metabolites associated with cognitive decline revealed by untargeted metabolomics in a prospective cohort. *Molecular Nutrition and Food Research*. 63 - 18, pp. 1900177. Wiley, 2019. ISSN 1613-4125  
**DOI:** 10.1002/mnfr.201900177  
**PMID:** 31218777  
**Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 19  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 5.309  
**Position of publication:** 8  
**Format:** Journal  
**Corresponding author:** No  
**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 139
- 68** Marynka Ulaszewska; Christoph Weinert; Alessia Trimigno; Reto Portmann; Cristina Andrés Lacueva; René Badertscher; Lorraine Brennan; Carl Brunius; Achim Bub; Francesco Capozzi; Marta Cialíé Rosso; Chira Cordero; Hannelore Daniel; Stephanie Durand; Bjoern Egert; Paola Ferrario; Edith Feskens; Pietro Franceschi; Mar García Aloy; Frank Giacomoni; Pieter Giesbertz; RAÚL GONZÁLEZ DOMÍNGUEZ; Kati Hanhineva; Lieselot Hemeryck; Joachim Kopka; Sabine Kulling; Rafael Llorach; Claudine Manach; Fulvio Mattivi; Carole Migné; Linda Münger; Beate Ott; Gianfranco Picone; Grégory Pimentel; Estelle Pujos Guillot; Samantha Riccadonna; Manuela Rist; Caroline Rombouts; Josep Rubert; Thomas Shurk; Pedapati Sri Harsha; Lieven Van Meulebroek; Lynn Vanhaecke; Rosa Vázquez Fresno; David Wishart; Guy Vergères. *Nutrimetabolomics: An Integrative Action for Metabolomic Analyses in Human Nutritional Studies*. *Molecular Nutrition and Food Research*. 63, pp. 1800384. Wiley, 2019. ISSN 1613-4125  
**DOI:** 10.1002/mnfr.201800384  
**PMID:** 30176196



**Type of production:** Scientific paper

**Position of signature:** 22

**Total no. authors:** 46

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 5.309

**Position of publication:** 8

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 139

- 69** Mariona Camps Bossacoma; Mar García Aloy; Sandra Saldaña Ruiz; Trinitat Cambras; RAÚL GONZÁLEZ DOMÍNGUEZ; Angels Franch; Francisco Pérez Cano; Cristina Andrés Lacueva; Margarida Castell. Role of theobromine in cocoa's metabolic properties in healthy rats. *Journal of Agricultural and Food Chemistry*. 67 - 13, pp. 3605 - 3614. American Chemical Society, 2019. ISSN 0021-8561

**DOI:** 10.1021/acs.jafc.8b07248

**PMID:** 30855143

**Type of production:** Scientific paper

**Position of signature:** 5

**Total no. authors:** 9

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 4.192

**Position of publication:** 4

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - AGRICULTURE, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 58

- 70** Verónica López Carbón; Ana Sayago; RAÚL GONZÁLEZ DOMÍNGUEZ; Ángeles Fernández Recamales. Simple and Efficient Green Extraction of Steviol Glycosides from *Stevia rebaudiana* Leaves. *Foods*. 8 - 9, pp. 402. MDPI, 2019. ISSN 2304-8158

**DOI:** 10.3390/foods8090402

**PMID:** 31514310

**Type of production:** Scientific paper

**Position of signature:** 3

**Total no. authors:** 4

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 4.092

**Position of publication:** 27

**Format:** Journal

**Corresponding author:** Yes

**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 139

- 71** Magalí Palau Rodríguez; Sara Tulipani; Anna Marco Ramell; Antonio Miñarro; Olga Jauregui; RAÚL GONZÁLEZ DOMÍNGUEZ; Alex Sánchez Pla; Bruno Ramos Molina; Francisco Tinahones; Cristina Andrés Lacueva. Characterization of metabolomic profile associated with metabolic improvement after bariatric surgery in subjects with morbid obesity. *Journal of Proteome Research*. 17 - 8, pp. 2704 - 2714. American Chemical Society, 2018. ISSN 1535-3893

**DOI:** 10.1021/acs.jproteome.8b00144

**PMID:** 29893570

**Type of production:** Scientific paper

**Position of signature:** 6

**Total no. authors:** 10

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 3.780

**Position of publication:** 15

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - BIOCHEMICAL RESEARCH METHODS

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 79



- 72** Ana Sayago; RAÚL GONZÁLEZ DOMÍNGUEZ; Rafael Beltrán; Ángeles Fernández Recamales. Combination of complementary data mining methods for geographical characterization of extra virgin olive oils based on mineral composition. *Food Chemistry*. 261, pp. 42 - 50. Elsevier Science Ltd, 2018. ISSN 0308-8146  
**DOI:** 10.1016/j.foodchem.2018.04.019  
**PMID:** 29739604  
**Type of production:** Scientific paper  
**Position of signature:** 2  
**Total no. authors:** 4  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 5.399  
**Position of publication:** 7  
**Format:** Journal  
**Corresponding author:** Yes  
**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 135
- 73** RAÚL GONZÁLEZ DOMÍNGUEZ; Ana Sayago; Ángeles Fernández Recamales. High-Throughput Direct Mass Spectrometry-Based Metabolomics to Characterize Metabolite Fingerprints Associated with Alzheimer's Disease Pathogenesis. *Metabolites*. 8 - 3, pp. 52. MDPI, 2018. ISSN 2218-1989  
**DOI:** 10.3390/metabo8030052  
**PMID:** 30231538  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 3  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 3.303  
**Position of publication:** 126  
**Format:** Journal  
**Corresponding author:** Yes  
**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 299
- 74** Ville Mikael Koistinen; Andreia Bento da Silva; László Abrankó; Dorrain Low; Rocio Garcia Villalba; Francisco Tomás Barberán; Rikard Landberg; Otto Savolainen; Inmaculada Alvarez Acero; Sonia de Pascual Teresa; Christof Van Poucke; Conceição Almeida; Lucie Petrásková; Kateřina Valentová; Stephanie Durand; Wiesław Wiczkowski; Dorota Szawara-Nowak; RAÚL GONZÁLEZ DOMÍNGUEZ; Rafael Llorach; Cristina Andrés Lacueva; Anna-Marja Aura; Tuulikki Seppänen-Laakso; Kati Hanhineva; Claudine Manach; Maria Rosário Bronze. Interlaboratory coverage test on plant food bioactive compounds and their metabolites by mass spectrometry-based untargeted metabolomics. *Metabolites*. 8 - 3, pp. E46. MDPI, 2018. ISSN 2218-1989  
**DOI:** 10.3390/metabo8030046  
**PMID:** 30149593  
**Type of production:** Scientific paper  
**Position of signature:** 18  
**Total no. authors:** 25  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 3.303  
**Position of publication:** 126  
**Format:** Journal  
**Corresponding author:** No  
**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 299
- 75** Álvaro González Domínguez; Alfonso María Lechuga Sancho; RAÚL GONZÁLEZ DOMÍNGUEZ. Intervention and observational trials are complementary in metabolomics: Diabetes and the oral glucose tolerance test. *Current Topics in Medicinal Chemistry*. 18 - 11, pp. 896 - 900. Bentham Science, 2018. ISSN 1568-0266  
**DOI:** 10.2174/1568026618666180711150525  
**PMID:** 29992883  
**Type of production:** Scientific paper  
**Position of signature:** 3  
**Total no. authors:** 3  
**Format:** Journal  
**Corresponding author:** Yes



**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 3.442  
**Position of publication:** 20

**Category:** Science Edition - CHEMISTRY, MEDICINAL  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 61

- 76** RAÚL GONZÁLEZ DOMÍNGUEZ. Metabolomic approaches for phospholipid analysis: Advances and challenges. *Bioanalysis*. 10 - 14, pp. 1069 - 1071. Future Science, 2018. ISSN 1757-6180

**DOI:** 10.4155/bio-2018-0098

**PMID:** 29987935

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 1

**Corresponding author:** Yes

**Impact source:** WOS (JCR)

**Category:** Science Edition - CHEMISTRY, ANALYTICAL

**Impact index in year of publication:** 2.321

**Journal in the top 25%:** No

**Position of publication:** 37

**No. of journals in the cat.:** 84

- 77** Massimo Fiandaca; RAÚL GONZÁLEZ DOMÍNGUEZ; Humberto González Díaz. New experimental and computational tools for drug discovery: From chemistry to biology. Part 4. Metabolomics, Pharmacokinetics, and Medicinal Chemistry. *Current Topics in Medicinal Chemistry*. 18 - 11, pp. 881 - 882. Bentham Science, 2018. ISSN 1568-0266

**DOI:** 10.2174/156802661811180808095053

**PMID:** 30182828

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 3

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - CHEMISTRY, MEDICINAL

**Impact index in year of publication:** 3.442

**Journal in the top 25%:** No

**Position of publication:** 20

**No. of journals in the cat.:** 61

- 78** Anna Marco Ramell; Sara Tulipani; Magalí Palau Rodríguez; RAÚL GONZÁLEZ DOMÍNGUEZ; Antonio Miñarro; Olga Jauregui; Alex Sánchez Pla; Manuel Macias González; Fernando Cardona; Francisco Tinahones; Cristina Andrés Lacueva. Untargeted profiling of concordant/discordant phenotypes of high insulin resistance and obesity to predict the risk of developing diabetes. *Journal of Proteome Research*. 17 - 7, pp. 2307 - 2317. American Chemical Society, 2018. ISSN 1535-3893

**DOI:** 10.1021/acs.jproteome.7b00855

**PMID:** 29905079

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 4

**Total no. authors:** 11

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - BIOCHEMICAL RESEARCH METHODS

**Impact index in year of publication:** 3.780

**Journal in the top 25%:** Yes

**Position of publication:** 15

**No. of journals in the cat.:** 79

- 79** Álvaro González Domínguez; Enrique Durán Guerrero; Ángeles Fernández Recamales; Alfonso María Lechuga Sancho; Ana Sayago; Mónica Schwarz; Carmen Segundo; RAÚL GONZÁLEZ DOMÍNGUEZ. An overview on the importance of combining complementary analytical platforms in metabolomic research. *Current Topics in Medicinal Chemistry*. 17 - 30, pp. 3289 - 3295. Bentham Science, 2017. ISSN 1568-0266

**DOI:** 10.2174/1568026618666171211144918

**PMID:** 29231141

**Type of production:** Scientific paper

**Format:** Journal



**Position of signature:** 8

**Total no. authors:** 8

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 3.374

**Position of publication:** 18

**Corresponding author:** Yes

**Category:** Science Edition - CHEMISTRY, MEDICINAL

**Journal in the top 25%:** No

**No. of journals in the cat.:** 59

- 80** Ikram Akhatou; Ana Sayago; RAÚL GONZÁLEZ DOMÍNGUEZ; Ángeles Fernández Recamales. Application of targeted metabolomics to investigate optimum growing conditions to enhance bioactive content of strawberry. Journal of Agricultural and Food Chemistry. 65 - 43, pp. 9559 - 9567. American Chemical Society, 2017. ISSN 0021-8561

**DOI:** 10.1021/acs.jafc.7b03701

**PMID:** 29019668

**Type of production:** Scientific paper

**Position of signature:** 3

**Total no. authors:** 4

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 3.412

**Position of publication:** 2

**Format:** Journal

**Corresponding author:** Yes

**Category:** Science Edition - AGRICULTURE, MULTIDISCIPLINARY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 57

- 81** RAÚL GONZÁLEZ DOMÍNGUEZ; Ana Sayago; Ángeles Fernández Recamales. Direct infusion mass spectrometry for metabolomic phenotyping of diseases. Bioanalysis. 9, pp. 131 - 148. Future Science, 2017. ISSN 1757-6180

**DOI:** 10.4155/bio-2016-0202

**PMID:** 27921460

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 3

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 2.478

**Position of publication:** 30

**Format:** Journal

**Corresponding author:** Yes

**Category:** Science Edition - CHEMISTRY, ANALYTICAL

**Journal in the top 25%:** No

**No. of journals in the cat.:** 81

- 82** RAÚL GONZÁLEZ DOMÍNGUEZ. Metabolomic Fingerprinting of Blood Samples by Direct Infusion Mass Spectrometry: Application in Alzheimer's Disease Research. Journal of Analysis and Testing. 1 - 3, pp. 213 - 222. Springer Nature, 2017. ISSN 2096-241X

**DOI:** 10.1007/s41664-017-0041-5

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 1

**Format:** Journal

**Corresponding author:** Yes

- 83** RAÚL GONZÁLEZ DOMÍNGUEZ; Ana Sayago; Ángeles Fernández Recamales. Metabolomics in Alzheimer's disease: The need of complementary analytical platforms for the identification of biomarkers to unravel the underlying pathology. Journal of Chromatography B - Analytical Technologies in the Biomedical and Life Sciences. 1071, pp. 75 - 92. Elsevier Science, 2017. ISSN 1570-0232

**DOI:** 10.1016/j.jchromb.2017.02.008

**PMID:** 28189423

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 3

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 2.441

**Position of publication:** 32

**Format:** Journal

**Corresponding author:** Yes

**Category:** Science Edition - CHEMISTRY, ANALYTICAL

**Journal in the top 25%:** No

**No. of journals in the cat.:** 81



- 84** RAÚL GONZÁLEZ DOMÍNGUEZ; Rosa María Mateos; Alfonso María Lechuga Sancho; José Joaquín González Cortés; Manuel Corrales Cuevas; Juan Alberto Rojas Cots; Carmen Segundo; Mónica Schwarz. Synergic effects of sugar and caffeine on insulin-mediated metabolomic alterations after an acute consumption of soft drinks. *Electrophoresis*. 38 - 18, pp. 2313 - 2322. Wiley-Blackwell, 2017. ISSN 0173-0835  
**DOI:** 10.1002/elps.201700044  
**PMID:** 28466533  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1  
**Total no. authors:** 8 **Corresponding author:** Yes  
**Impact source:** WOS (JCR) **Category:** Science Edition - CHEMISTRY, ANALYTICAL  
**Impact index in year of publication:** 2.569 **Journal in the top 25%:** No  
**Position of publication:** 28 **No. of journals in the cat.:** 81
- 85** RAÚL GONZÁLEZ DOMÍNGUEZ; Hugo Miguel Santos; Maria Joao Bebianno; Tamara García Barrera; José Luis Gómez Ariza; José Luis Capelo. Combined proteomic and metallomic analyses in *Scrobicularia plana* clams to assess environmental pollution of estuarine ecosystems. *Marine Pollution Bulletin*. 113, pp. 117 - 124. Pergamon-Elsevier Science LTD, 2016. ISSN 0025-326X  
**DOI:** 10.1016/j.marpolbul.2016.08.075  
**PMID:** 27593851  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1 **Corresponding author:** Yes  
**Total no. authors:** 6 **Category:** Science Edition - MARINE & FRESHWATER BIOLOGY  
**Impact source:** WOS (JCR) **Journal in the top 25%:** Yes  
**Impact index in year of publication:** 3.146 **No. of journals in the cat.:** 105  
**Position of publication:** 8
- 86** Ikram Akhatou; RAÚL GONZÁLEZ DOMÍNGUEZ; M<sup>a</sup> Ángeles Fernández Recamales. Investigation of the effect of genotype and agronomic conditions on metabolomic profiles of selected strawberry cultivars with different sensitivity to environmental stress. *Plant Physiology and Biochemistry*. 101, pp. 14 - 22. Elsevier France-Editions Scientifiques Medicales Elsevier, 2016. ISSN 0981-9428  
**DOI:** 10.1016/j.plaphy.2016.01.016  
**PMID:** 26841267  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 2 **Corresponding author:** No  
**Total no. authors:** 3 **Category:** Science Edition - PLANT SCIENCES  
**Impact source:** WOS (JCR) **Journal in the top 25%:** Yes  
**Impact index in year of publication:** 2.724 **No. of journals in the cat.:** 212  
**Position of publication:** 49
- 87** RAÚL GONZÁLEZ DOMÍNGUEZ. Medium-chain fatty acids as biomarkers of mitochondrial dysfunction in traumatic brain injury. *EBioMedicine*. 12, pp. 8 - 9. Elsevier LTD, 2016. ISSN 2352-3964  
**DOI:** 10.1016/j.ebiom.2016.09.024  
**PMID:** 27692983  
**Type of production:** Scientific paper **Format:** Journal  
**Position of signature:** 1 **Corresponding author:** Yes  
**Total no. authors:** 1



- 88** RAÚL GONZÁLEZ DOMÍNGUEZ; Francisco Javier Rupérez; Tamara García Barrera; Coral Barbas; José Luis Gómez Ariza. Metabolomic-driven elucidation of serum disturbances associated with Alzheimer's disease and mild cognitive impairment. *Current Alzheimer Research*. 13 - 6, pp. 641 - 653. Bentham Science Publishers Ltd., 2016. ISSN 1567-2050  
**DOI:** 10.2174/1567205013666160129095138  
**PMID:** 26825096  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 5  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 2.952  
**Position of publication:** 74  
**Format:** Journal  
**Corresponding author:** No  
**Category:** Science Edition - CLINICAL NEUROLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 194
- 89** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; José Luis Gómez Ariza. Application of a novel metabolomics approach based on atmospheric pressure photoionization mass spectrometry using flow injection analysis for the study of Alzheimer's disease. *Talanta*. 131, pp. 480 - 489. Elsevier Science BV, 2015. ISSN 0039-9140  
**DOI:** 10.1016/j.talanta.2014.07.075  
**PMID:** 25281130  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 3  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 4.035  
**Position of publication:** 9  
**Format:** Journal  
**Corresponding author:** No  
**Category:** Science Edition - CHEMISTRY, ANALYTICAL  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 75
- 90** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; Javier Vitorica; José Luis Gómez Ariza. Application of metabolomics based on direct mass spectrometry analysis for the elucidation of altered metabolic pathways in serum from the APP/PS1 transgenic model of Alzheimer's disease. *Journal of Pharmaceutical and Biomedical Analysis*. 107, pp. 378 - 385. Elsevier Science BV, 2015. ISSN 0731-7085  
**DOI:** 10.1016/j.jpba.2015.01.025  
**PMID:** 25656489  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 4  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 3.169  
**Position of publication:** 14  
**Format:** Journal  
**Corresponding author:** No  
**Category:** Science Edition - CHEMISTRY, ANALYTICAL  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 75
- 91** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; Javier Vitorica; José Luis Gómez Ariza. Deciphering metabolic abnormalities associated with Alzheimer's disease in serum from the APP/PS1 mouse model using integrated metabolomics approaches. *Biochimie*. 110, pp. 119 - 128. Elsevier France-Editions Scientifiques Medicales Elsevier, 2015. ISSN 0300-9084  
**DOI:** 10.1016/j.biochi.2015.01.005  
**PMID:** 25597416  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 4  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 3.017  
**Format:** Journal  
**Corresponding author:** No  
**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No

**Position of publication:** 121

**No. of journals in the cat.:** 289

- 92** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; Javier Vitorica; José Luis Gómez Ariza. High throughput multi-organ metabolomics in the APP/PS1 mouse model of Alzheimer's disease. *Electrophoresis*. 36 - 18, pp. 2237 - 2249. Wiley-Blackwell, 2015. ISSN 0173-0835

**DOI:** 10.1002/elps.201400544

**PMID:** 25641566

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 4

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - CHEMISTRY, ANALYTICAL

**Impact index in year of publication:** 2.482

**Journal in the top 25%:** No

**Position of publication:** 26

**No. of journals in the cat.:** 75

- 93** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; José Luis Gómez Ariza. Metabolite profiling for the identification of altered metabolic pathways in Alzheimer's disease. *Journal of Pharmaceutical and Biomedical Analysis*. 107, pp. 75 - 81. Elsevier Science BV, 2015. ISSN 0731-7085

**DOI:** 10.1016/j.jpba.2014.10.010

**PMID:** 25575172

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 3

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - CHEMISTRY, ANALYTICAL

**Impact index in year of publication:** 3.169

**Journal in the top 25%:** Yes

**Position of publication:** 14

**No. of journals in the cat.:** 75

- 94** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; Javier Vitorica; José Luis Gómez Ariza. Metabolomic investigation of systemic manifestations associated with Alzheimer's disease in the APP/PS1 transgenic mouse model. *Molecular BioSystems*. 11 - 9, pp. 2429 - 2440. Royal Society of Chemistry, 2015. ISSN 1742-206X

**DOI:** 10.1039/c4mb00747f

**PMID:** 26131452

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 4

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

**Impact index in year of publication:** 2.829

**Journal in the top 25%:** No

**Position of publication:** 135

**No. of journals in the cat.:** 289

- 95** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; Javier Vitorica; José Luis Gómez Ariza. Metabolomic research on the role of interleukin-4 in Alzheimer's disease. *Metabolomics*. 11 - 5, pp. 1175 - 1183. Springer, 2015. ISSN 1573-3882

**DOI:** 10.1007/s11306-015-0773-z

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 4

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - ENDOCRINOLOGY & METABOLISM

**Impact index in year of publication:** 3.661

**Journal in the top 25%:** No

**Position of publication:** 40**No. of journals in the cat.:** 133

- 96** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; Javier Vitorica; José Luis Gómez Ariza. Metabolomic screening of regional brain alterations in the APP/PS1 transgenic model of Alzheimer's disease by direct infusion mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*. 102, pp. 425 - 435. Elsevier Science BV, 2015. ISSN 0731-7085  
**DOI:** 10.1016/j.jpba.2014.10.009  
**PMID:** 25459942  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 4  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 3.169  
**Position of publication:** 14  
**Format:** Journal  
**Corresponding author:** No  
**Category:** Science Edition - CHEMISTRY, ANALYTICAL  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 75
- 97** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; Javier Vitorica; José Luis Gómez Ariza. Metabolomics reveals significant impairments in the immune system of the APP/PS1 transgenic mice of Alzheimer's disease. *Electrophoresis*. 36 - 4, pp. 577 - 587. Wiley-Blackwell, 2015. ISSN 0173-0835  
**DOI:** 10.1002/elps.201400450  
**PMID:** 25393935  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 4  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 2.482  
**Position of publication:** 26  
**Format:** Journal  
**Corresponding author:** No  
**Category:** Science Edition - CHEMISTRY, ANALYTICAL  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 75
- 98** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; José Luis Gómez Ariza. Characterization of metals profiles in serum during the progression of Alzheimer's disease. *Metallomics*. 6 - 2, pp. 292 - 300. Royal Society of Chemistry, 2014. ISSN 1756-5901  
**DOI:** 10.1039/c3mt00301a  
**PMID:** 24343096  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 3  
**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 3.585  
**Position of publication:** 92  
**Format:** Journal  
**Corresponding author:** No  
**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 290
- 99** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; José Luis Gómez Ariza. Combination of metabolomic and phospholipid-profiling approaches for the study of Alzheimer's disease. *Journal of Proteomics*. 104, pp. 37 - 47. Elsevier Science BV, 2014. ISSN 1874-3919  
**DOI:** 10.1016/j.jprot.2014.01.014  
**PMID:** 24473279  
**Type of production:** Scientific paper  
**Position of signature:** 1  
**Total no. authors:** 3  
**Impact source:** WOS (JCR)  
**Format:** Journal  
**Corresponding author:** No  
**Category:** Science Edition - BIOCHEMICAL RESEARCH METHODS



**Impact index in year of publication:** 3.888  
**Position of publication:** 16

**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 79

**100** RAÚL GONZÁLEZ DOMÍNGUEZ; Rocío Castilla Quintero; Tamara García Barrera; José Luis Gómez Ariza. Development of a metabolomic approach based on urine samples and direct infusion mass spectrometry. *Analytical Biochemistry*. 465, pp. 20 - 27. Academic Press Inc Elsevier Science, 2014. ISSN 0003-2697

**DOI:** 10.1016/j.ab.2014.07.016

**PMID:** 25064643

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 4

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - CHEMISTRY, ANALYTICAL

**Impact index in year of publication:** 2.219

**Journal in the top 25%:** No

**Position of publication:** 32

**No. of journals in the cat.:** 74

**101** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; José Luis Gómez Ariza. Homeostasis of metals in the progression of Alzheimer's disease. *Biometals*. 27 - 3, pp. 539 - 549. Springer, 2014. ISSN 0966-0844

**DOI:** 10.1007/s10534-014-9728-5

**PMID:** 24668390

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 3

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

**Impact index in year of publication:** 2.503

**Journal in the top 25%:** No

**Position of publication:** 162

**No. of journals in the cat.:** 290

**102** Amanda Gago Tinoco; RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; Julian Blasco Moreno; Maria Joao Bebianno; José Luis Gómez Ariza. Metabolic signatures associated with environmental pollution by metals in Doñana National Park using *P. clarkii* as bioindicator. *Environmental Science and Pollution Research*. 21 - 23, pp. 13315 - 13323. Springer Heidelberg, 2014. ISSN 0944-1344

**DOI:** 10.1007/s11356-014-2741-y

**PMID:** 24756666

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 2

**Total no. authors:** 6

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - ENVIRONMENTAL SCIENCES

**Impact index in year of publication:** 2.828

**Journal in the top 25%:** Yes

**Position of publication:** 54

**No. of journals in the cat.:** 223

**103** RAÚL GONZÁLEZ DOMÍNGUEZ; Antonia García; Tamara García Barrera; Coral Barbas; José Luis Gómez Ariza. Metabolomic profiling of serum in the progression of Alzheimer's disease by capillary electrophoresis-mass spectrometry. *Electrophoresis*. 35 - 23, pp. 3321 - 3330. Wiley-Blackwell, 2014. ISSN 0173-0835

**DOI:** 10.1002/elps.201400196

**PMID:** 25136972

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 5

**Corresponding author:** No



**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 3.028  
**Position of publication:** 14

**Category:** Science Edition - CHEMISTRY, ANALYTICAL  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 74

**Impact source:** WOS (JCR)  
**Impact index in year of publication:** 3.028  
**Position of publication:** 14

**Category:** Science Edition - CHEMISTRY, ANALYTICAL  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 74

- 104** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; José Luis Gómez Ariza. Metabolomic study of lipids in serum for biomarker discovery in Alzheimer's disease using direct infusion mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*. 98, pp. 321 - 326. Elsevier Science BV, 2014. ISSN 0731-7085

**DOI:** 10.1016/j.jpba.2014.05.023

**PMID:** 24992214

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 3

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - CHEMISTRY, ANALYTICAL

**Impact index in year of publication:** 2.979

**Journal in the top 25%:** Yes

**Position of publication:** 16

**No. of journals in the cat.:** 74

- 105** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; Javier Vitorica; José Luis Gómez Ariza. Region-specific metabolic alterations in the brain of the APP/PS1 transgenic mice of Alzheimer's disease. *Biochimica et Biophysica Acta - Molecular Basis of Disease*. 1842, pp. 2395 - 2402. Elsevier Science BV, 2014. ISSN 0925-4439

**DOI:** 10.1016/j.bbadis.2014.09.014

**PMID:** 25281826

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 4

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

**Impact index in year of publication:** 4.882

**Journal in the top 25%:** Yes

**Position of publication:** 54

**No. of journals in the cat.:** 290

- 106** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; José Luis Gómez Ariza. Using direct infusion mass spectrometry for serum metabolomics in Alzheimer's disease. *Analytical and Bioanalytical Chemistry*. 406 - 28, pp. 7137 - 7148. Springer Heidelberg, 2014. ISSN 1618-2642

**DOI:** 10.1007/s00216-014-8102-3

**PMID:** 25230597

**Type of production:** Scientific paper

**Format:** Journal

**Position of signature:** 1

**Total no. authors:** 3

**Corresponding author:** No

**Impact source:** WOS (JCR)

**Category:** Science Edition - CHEMISTRY, ANALYTICAL

**Impact index in year of publication:** 3.436

**Journal in the top 25%:** Yes

**Position of publication:** 13

**No. of journals in the cat.:** 74

- 107** Rocío Jara Biedma; RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; Juan López Barea; Carmen Pueyo; José Luis Gómez Ariza. Evolution of metallotionein isoforms complexes in hepatic cells of *Mus musculus* along cadmium exposure. *Biomaterials*. 26 - 4, pp. 639 - 650. Springer, 2013. ISSN 0966-0844

**DOI:** 10.1007/s10534-013-9636-0

**PMID:** 23793301



**Type of production:** Scientific paper

**Position of signature:** 2

**Total no. authors:** 6

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 2.689

**Position of publication:** 158

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 291

- 108** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; José Luis Gómez Ariza. Iberian ham typification by direct infusion electrospray and photospray ionization mass spectrometry fingerprinting. *Rapid Communications in Mass Spectrometry*. 26 - 7, pp. 835 - 844. Wiley-Blackwell, 2012. ISSN 0951-4198

**DOI:** 10.1002/rcm.6155

**PMID:** 22368064

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 3

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 2.509

**Position of publication:** 28

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - CHEMISTRY, ANALYTICAL

**Journal in the top 25%:** No

**No. of journals in the cat.:** 75

- 109** RAÚL GONZÁLEZ DOMÍNGUEZ; Tamara García Barrera; José Luis Gómez Ariza. Metabolomic approach to Alzheimer's disease diagnosis based on mass spectrometry. *Chemical Papers*. 66 - 9, pp. 829 - 835. Versita, 2012. ISSN 2585-7290

**DOI:** 10.2478/s11696-012-0184-9

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 3

**Impact source:** WOS (JCR)

**Impact index in year of publication:** 0.879

**Position of publication:** 103

**Format:** Journal

**Corresponding author:** No

**Category:** Science Edition - CHEMISTRY, MULTIDISCIPLINARY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 152

- 110** Álvaro González Domínguez; Lucía Jurado Sumariva; Ana Sayago; Mónica Schwarz; Ángeles Fernández Recamales; Enrique Durán Guerrero; RAÚL GONZÁLEZ DOMÍNGUEZ. Metabolomics Tools for the Analysis of Phospholipids as Potential Markers to Decipher the Molecular Mechanisms Behind Diseases. *Lipid Analysis in Biology, Health, and Disease*. pp. 233 - 241. Elsevier, 2026. ISBN 978-0-443-19116-9

**DOI:** 10.1016/B978-0-443-19116-9.00012-9

**Type of production:** Book chapter

**Position of signature:** 7

**Total no. authors:** 7

**Format:** Book

**Corresponding author:** Yes

- 111** Álvaro González Domínguez; Ana Sayago; Ángeles Fernández Recamales; RAÚL GONZÁLEZ DOMÍNGUEZ. Mass Spectrometry-Based Metabolomics Multi-Platform for Alzheimer's Disease Research. *Biomarkers for Alzheimer's Disease Drug Development, 2nd edition (Methods in Molecular Biology)*. 2785, pp. 75 - 86. Humana Press (Springer), 2024. ISSN 1064-3745, ISBN 978-1-0716-3773-9

**DOI:** 10.1007/978-1-0716-3774-6\_6

**PMID:** 38427189

**Type of production:** Book chapter

**Position of signature:** 4

**Total no. authors:** 4

**Format:** Book

**Corresponding author:** Yes



- 112** Alvaro González Domínguez; María Santos Martín; Ana Sayago; Alfonso María Lechuga Sancho; Ángeles Fernández Recamales; RAÚL GONZÁLEZ DOMÍNGUEZ. Analysis and Annotation of Phospholipids by Mass Spectrometry-Based Metabolomics. *Lipidomics: Methods and Protocols, Second Edition (Methods in Molecular Biology)*. 2625, pp. 79 - 88. Humana Press (Springer), 2023. ISSN 1064-3745, ISBN 978-1-0716-2965-9  
**DOI:** 10.1007/978-1-0716-2966-6\_7  
**PMID:** 36653634  
**Type of production:** Book chapter **Format:** Book  
**Position of signature:** 6  
**Total no. authors:** 6 **Corresponding author:** Yes
- 113** Alvaro González Domínguez; María Millán Martínez; Daniel Sánchez Rodas; Alfonso María Lechuga Sancho; RAÚL GONZÁLEZ DOMÍNGUEZ. Characterization of the Plasmatic and Erythroid Multi-Elemental Biodistribution in Childhood Obesity Using a High-Throughput Method for Size-Fractionation of Metal Species. *Mass Spectrometry for Metabolomics (Methods in Molecular Biology)*. 2571, pp. 123 - 132. Humana Press (Springer), 2023. ISSN 1064-3745, ISBN 978-1-0716-2698-6  
**DOI:** 10.1007/978-1-0716-2699-3\_12  
**PMID:** 36152156  
**Type of production:** Book chapter **Format:** Book  
**Position of signature:** 5  
**Total no. authors:** 5 **Corresponding author:** Yes
- 114** RAÚL GONZÁLEZ DOMÍNGUEZ; Ana Sayago; María Santos Martín; Ángeles Fernández Recamales. Comprehensive and High-Throughput Method for Quantitative Fingerprinting of Phenolic Compounds. *Mass Spectrometry for Metabolomics (Methods in Molecular Biology)*. 2571, pp. 1 - 12. Humana Press (Springer), 2023. ISSN 1064-3745, ISBN 978-1-0716-2698-6  
**DOI:** 10.1007/978-1-0716-2699-3\_1  
**PMID:** 36152145  
**Type of production:** Book chapter **Format:** Book  
**Position of signature:** 1  
**Total no. authors:** 4 **Corresponding author:** Yes
- 115** Alvaro González Domínguez; Marina Armeni; Otto Savolainen; Alfonso María Lechuga Sancho; Rikard Landberg; RAÚL GONZÁLEZ DOMÍNGUEZ. Untargeted Metabolomics Based on Liquid Chromatography - Mass Spectrometry for the Analysis of Plasma and Erythrocyte Samples in Childhood Obesity. *Mass Spectrometry for Metabolomics (Methods in Molecular Biology)*. 2571, pp. 115 - 122. Humana Press (Springer), 2023. ISSN 1064-3745, ISBN 978-1-0716-2698-6  
**DOI:** 10.1007/978-1-0716-2699-3\_11  
**PMID:** 36152155  
**Type of production:** Book chapter **Format:** Book  
**Position of signature:** 6  
**Total no. authors:** 6 **Corresponding author:** Yes
- 116** RAÚL GONZÁLEZ DOMÍNGUEZ; María Santos Martín; Ana Sayago; Ángeles Fernández Recamales. Authenticity and Chemometrics of Fruits and Vegetables. *Chemometrics and Authenticity of Foods of Plant Origin*. pp. 90 - 108. CRC Press, 2022. ISBN 9781003266167  
**DOI:** 10.1201/9781003266167-6  
**Type of production:** Book chapter **Format:** Book  
**Position of signature:** 1  
**Total no. authors:** 4 **Corresponding author:** Yes



- 117** RAÚL GONZÁLEZ DOMÍNGUEZ; Álvaro González Domínguez; Ana Sayago; Ángeles Fernández Recamales. Multicompartmental high-throughput metabolomics based on mass spectrometry. *Metabolomics (Neuromethods)*. 159, pp. 189 - 198. Humana Press (Springer), 2021. ISSN 1940-6045, ISBN 978-1-07-160863-0  
**DOI:** 10.1007/978-1-0716-0864-7\_15  
**Type of production:** Book chapter **Format:** Book  
**Position of signature:** 1  
**Total no. authors:** 4 **Corresponding author:** Yes
- 118** RAÚL GONZÁLEZ DOMÍNGUEZ; Álvaro González Domínguez; Ana Sayago; Ángeles Fernández Recamales. State-of-the-art Mass Spectrometry-based Approaches to Explore the Polar Metabolome: Alzheimer's Disease as a Case Study. *Advanced Mass Spectrometry-based Analytical Separation Techniques for Probing the Polar Metabolome*. pp. 219 - 241. Royal Society of Chemistry, 2021. ISBN 978-1-83916-163-6  
**DOI:** 10.1039/9781839163524-00219  
**Type of production:** Book chapter **Format:** Book  
**Position of signature:** 1  
**Total no. authors:** 4 **Corresponding author:** Yes
- 119** RAÚL GONZÁLEZ DOMÍNGUEZ; Álvaro González Domínguez; Carmen Segundo; Mónica Schwarz; Ana Sayago; Rosa María Mateos; Enrique Durán Guerrero; Alfonso María Lechuga Sancho; Ángeles Fernández Recamales. High-throughput metabolomics based on direct mass spectrometry analysis in biomedical research. *High Throughput Metabolomics (Methods in Molecular Biology)*. 1978, pp. 27 - 38. Humana Press (Springer), 2019. ISSN 1064-3745, ISBN 978-1-4939-9236-2  
**DOI:** 10.1007/978-1-4939-9236-2\_3  
**PMID:** 31119655  
**Type of production:** Book chapter **Format:** Book  
**Position of signature:** 1  
**Total no. authors:** 9 **Corresponding author:** Yes
- 120** RAÚL GONZÁLEZ DOMÍNGUEZ; Ana Sayago; Ángeles Fernández Recamales. Metabolomics: An emerging tool for wine characterization and the investigation of health benefits. *Engineering Tools in the Beverage Industry. Volume 3: The Science of Beverages*. 3, pp. 315 - 350. Elsevier, 2019. ISBN 978-0-12-815698-8  
**DOI:** 10.1016/B978-0-12-815258-4.00011-1  
**Type of production:** Book chapter **Format:** Book  
**Position of signature:** 1  
**Total no. authors:** 3 **Corresponding author:** No
- 121** RAÚL GONZÁLEZ DOMÍNGUEZ; Álvaro González Domínguez; Ana Sayago; Ángeles Fernández Recamales. Mass spectrometry-based metabolomic multiplatform for Alzheimer's disease research. *Biomarkers for Alzheimer's Disease Drug Development (Methods in Molecular Biology)*. 1750, pp. 125 - 137. Humana Press (Springer), 2018. ISSN 1064-3745, ISBN 978-1-4939-7704-8  
**DOI:** 10.1007/978-1-4939-7704-8\_8  
**PMID:** 29512069  
**Type of production:** Book chapter **Format:** Book  
**Position of signature:** 1  
**Total no. authors:** 4 **Corresponding author:** Yes
- 122** RAÚL GONZÁLEZ DOMÍNGUEZ. Size-fractionation of metal species from serum samples for studying element biodistribution in Alzheimer's disease. *Metals in the Brain: Measurement and Imaging (Neuromethods)*. 124, pp. 127 - 149. Humana Press (Springer), 2017. ISSN 1940-6045, ISBN 978-1-4939-6918-0  
**DOI:** 10.1007/978-1-4939-6918-0\_8  
**Type of production:** Book chapter **Format:** Book  
**Position of signature:** 1  
**Total no. authors:** 1 **Corresponding author:** Yes



- 123** RAÚL GONZÁLEZ DOMÍNGUEZ. Food Authentication: Techniques, Trends and Emerging Approaches (Second Issue). Food Authentication: Techniques, Trends and Emerging Approaches (Second Issue). Basel(Switzerland): MDPI Books, 2023. ISBN 978-3-0365-8920-6  
**DOI:** 10.3390/books978-3-0365-8921-3  
**Type of production:** Scientific book or monograph      **Format:** Book  
**Position of signature:** 1      **Degree of contribution:** Editor or co-editor  
**Total no. authors:** 1
- 124** RAÚL GONZÁLEZ DOMÍNGUEZ. Mass Spectrometry for Metabolomics (Methods in Molecular Biology). Mass Spectrometry for Metabolomics (Methods in Molecular Biology). 2571, Humana Press (Springer), 2023. ISSN 1064-3745, ISBN 978-1-0716-2698-6  
**DOI:** 10.1007/978-1-0716-2699-3  
**Type of production:** Scientific book or monograph      **Format:** Book  
**Position of signature:** 1      **Degree of contribution:** Editor or co-editor  
**Total no. authors:** 1      **Corresponding author:** Yes
- 125** RAÚL GONZÁLEZ DOMÍNGUEZ. Food Authentication: Techniques, Trends and Emerging Approaches. Food Authentication: Techniques, Trends and Emerging Approaches. Basel(Switzerland): MDPI Books, 2020. ISBN 978-3-03928-748-2  
**DOI:** 10.3390/books978-3-03928-749-9  
**Type of production:** Scientific book or monograph      **Format:** Book  
**Position of signature:** 1      **Degree of contribution:** Editor or co-editor  
**Total no. authors:** 1

## Works presented at national or international conferences

- 1** **Title of the work:** Adverse neonatal outcomes predispose to exacerbated metabolic disturbances in childhood obesity  
**Name of the conference:** The 4th International Electronic Conference on Metabolomics  
**Type of event:** Conference      **Geographical area:** Non EU International  
**Type of participation:** Participatory - poster      **Reasons for participation:** Open access  
**Date of event:** 13/10/2025  
**End date:** 15/10/2025  
**Organising entity:** MDPI  
Lucía Jurado Sumariva; Álvaro González Domínguez; Otto Savolainen; Rikard Landberg; Raúl González Domínguez.
- 2** **Title of the work:** Characterization of the bioactive profile of beach-cast seaweeds using a quantitative and large-scale metabolomics approach  
**Name of the conference:** The 4th International Electronic Conference on Metabolomics  
**Type of event:** Conference      **Geographical area:** Non EU International  
**Type of participation:** Participatory - poster      **Reasons for participation:** Open access  
**Date of event:** 13/10/2025  
**End date:** 15/10/2025  
**Organising entity:** MDPI  
Desta Gebremedhin Gebrehiwot; Ignacio Hernández; Rikard Landberg; Enrique Durán Guerrero; Raúl González Domínguez.



- 3** **Title of the work:** Adverse neonatal outcomes predispose to exacerbated metabolic disturbances in childhood obesity  
**Name of the conference:** XVIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Cádiz, Spain  
**Date of event:** 02/10/2025  
**End date:** 03/10/2025  
**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Lucía Jurado Sumariva; Álvaro González Domínguez; Otto Savolainen; Rikard Landberg; Raúl González Domínguez.
- 4** **Title of the work:** Algas de arribazón: De problema a oportunidad  
**Name of the conference:** XVIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Cádiz, Spain  
**Date of event:** 02/10/2025  
**End date:** 03/10/2025  
**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Belén Cárdenas; Raúl González Domínguez; Ángeles Fernández Recamales; Ana Sayago.
- 5** **Title of the work:** Association of Neonatal Outcomes, Metabolic Risk Factors and Metal Levels in Children with Obesity  
**Name of the conference:** XVIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**City of event:** Cádiz, Spain  
**Date of event:** 02/10/2025  
**End date:** 03/10/2025  
**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Lucía Jurado Sumariva; Álvaro González Domínguez; Jesús Domínguez Riscart; Raúl González Domínguez.
- 6** **Title of the work:** Characterization of the bioactive profile of beach-cast seaweeds using a quantitative and large-scale metabolomics approach  
**Name of the conference:** XVIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Cádiz, Spain  
**Date of event:** 02/10/2025  
**End date:** 03/10/2025  
**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Desta Gebremedhin Gebrehiwot; Ignacio Hernández; Rikard Landberg; Enrique Durán Guerrero; Raúl González Domínguez.

- 7** **Title of the work:** Identifying metabotypes of insulin resistance severity in children with metabolic syndrome  
**Name of the conference:** XVIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Cádiz, Spain  
**Date of event:** 02/10/2025  
**End date:** 03/10/2025  
**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Álvaro González Domínguez; Otto Savolainen; Jesús Domínguez Riscart; Alfonso Lechuga Sancho; Rikard Landberg; Raúl González Domínguez.
- 8** **Title of the work:** Metabolomics approach to the potential of erythrocytes as sensitive and reliable sensors of metabolic disturbances in the crosstalk between childhood obesity and insulin resistance  
**Name of the conference:** XVIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Cádiz, Spain  
**Date of event:** 02/10/2025  
**End date:** 03/10/2025  
**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Álvaro González Domínguez; Otto Savolainen; Jesús Domínguez Riscart; Alfonso Lechuga Sancho; Rikard Landberg; Raúl González Domínguez.
- 9** **Title of the work:** Optimization of an ultrasonic-assisted extraction method for the elaboration of bioactive-enriched extracts through the valorization of beach-cast seaweeds  
**Name of the conference:** XVIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Cádiz, Spain  
**Date of event:** 02/10/2025  
**End date:** 03/10/2025  
**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Desta Gebremedhin Gebrehiwot; Ignacio Hernández; Enrique Durán Guerrero; Raúl González Domínguez.
- 10** **Title of the work:** Potencial bioactivo de extractos de hojas de olivo obtenidos con NADES: Un enfoque hacia la economía circular  
**Name of the conference:** XVIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Cádiz, Spain  
**Date of event:** 02/10/2025  
**End date:** 03/10/2025  
**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Cristina Betanzos; Ángeles Fernández Recamales; Raúl González Domínguez; Ana Sayago.
- 11** **Title of the work:** Metabolomic signature of a sustainable brain-healthy diet in older persons  
**Name of the conference:** 23rd International Congress of Nutrition of the International Union of Nutritional Sciences (IUNS-ICN 2025)



**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Paris, France  
**Date of event:** 24/08/2025  
**End date:** 29/08/2025

**Geographical area:** Non EU International  
**Reasons for participation:** Open access

**Organising entity:** International Union of Nutritional Sciences

Jeanne Neuffer; Raúl González Domínguez; Sophie Lefèvre-Arbogast; Dorrain Low; Ludwig Aigner; Paul J Lucassen; Aniko Korosi; Sandrine Thuret; Claudine Manach; Cristina Andrés Lacueva; Mireia Urpi Sarda; Cécilia Samieri.

**12 Title of the work:** Identifying metatypes of insulin resistance severity in children with metabolic syndrome

**Name of the conference:** 21st Annual International Conference of the Metabolomics Society

**Type of event:** Conference  
**Type of participation:** Participatory - poster

**Geographical area:** European Union

**Reasons for participation:** Open access

**City of event:** Prague, Czech Republic

**Date of event:** 22/06/2025

**End date:** 26/06/2025

**Organising entity:** Metabolomics Society

Álvaro González Domínguez; Otto Savolainen; Jesús Domínguez Riscart; Alfonso Lechuga Sancho; Rikard Landberg; Raúl González Domínguez.

**13 Title of the work:** Análisis metabólico de los andrógenos suprarrenales en niñas con obesidad en función de la presencia o no de pubarquia

**Name of the conference:** 47º Congreso de la Fundación Sociedad Española de Endocrinología Pediátrica

**Type of event:** Conference  
**Type of participation:** Participatory - poster

**Geographical area:** National

**Reasons for participation:** Open access

**City of event:** Madrid, Spain

**Date of event:** 28/05/2025

**End date:** 30/05/2025

**Organising entity:** Fundación Sociedad Española de Endocrinología Pediátrica

Ana García Zarzuela; Rosario Martínez García; Jesús Domínguez Riscart; Álvaro González Domínguez; Raúl González Domínguez; Alfonso M Lechuga Sancho.

**14 Title of the work:** Efecto beneficioso del consumo de algas en la modulación del estrés metabólico

**Name of the conference:** I Congreso Nacional de Investigación en Ciencias de la Salud: "Caminando juntos"

**Type of event:** Conference  
**Type of participation:** Participatory - poster

**Geographical area:** National

**Reasons for participation:** Open access

**City of event:** Algeciras, Spain

**Date of event:** 19/09/2024

**End date:** 20/09/2024

**Organising entity:** Universidad de Cádiz

**Type of entity:** University

Desta Gebremedhin Gebrehiwot; Mónica Schwarz; Alfonso Lechuga Sancho; Coral Barbas; Enrique Durán Guerrero; Raúl González Domínguez.

**15 Title of the work:** La obesidad parental predispone a la descendencia a trastornos metabólicos exacerbados durante la niñez

**Name of the conference:** I Congreso Nacional de Investigación en Ciencias de la Salud: "Caminando juntos"

**Type of event:** Conference  
**Type of participation:** Participatory - poster

**Geographical area:** National

**Reasons for participation:** Open access



**City of event:** Algeciras, Spain

**Date of event:** 19/09/2024

**End date:** 20/09/2024

**Organising entity:** Universidad de Cádiz

**Type of entity:** University

Lucia Jurado Sumariva; Álvaro González Domínguez; Otto Savolainen; Jesús Domínguez Riscart; Rikard Landberg; Raúl González Domínguez.

**16 Title of the work:** Metabolomics investigation of the beneficial effect of acute seaweed consumption in modulating the metabolic stress induced by a mixed-meal challenge

**Name of the conference:** XXIV Reunión de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Zaragoza, Spain

**Date of event:** 01/07/2024

**End date:** 03/07/2024

**Organising entity:** SOCIEDAD ESPAÑOLA DE QUIMICA ANALITICA

Desta Gebremedhin Gebrehiwot; Mónica Schwarz; Alfonso Lechuga Sancho; Coral Barbas; Enrique Durán Guerrero; Raúl González Domínguez.

**17 Title of the work:** Parental obesity predisposes the offspring to exacerbated metabolic disturbances later in childhood

**Name of the conference:** XXIV Reunión de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Zaragoza, Spain

**Date of event:** 01/07/2024

**End date:** 03/07/2024

**Organising entity:** SOCIEDAD ESPAÑOLA DE QUIMICA ANALITICA

Lucia Jurado Sumariva; Álvaro González Domínguez; Otto Savolainen; Jesús Domínguez Riscart; Rikard Landberg; Raúl González Domínguez.

**18 Title of the work:** Metabolomics investigation of the beneficial effect of acute seaweed consumption in modulating the metabolic stress induced by a mixed-meal challenge

**Name of the conference:** II International Conference of the Spanish Metabolomics Society

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Sevilla, Spain

**Date of event:** 03/06/2024

**End date:** 05/06/2024

**Organising entity:** Sociedad Española de Metabolómica (SESMET)

Desta Gebremedhin Gebrehiwot; Mónica Schwarz; Alfonso Lechuga Sancho; Coral Barbas; Enrique Durán Guerrero; Raúl González Domínguez.

**19 Title of the work:** Parental obesity predisposes the offspring to exacerbated metabolic disturbances later in childhood

**Name of the conference:** II International Conference of the Spanish Metabolomics Society

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Sevilla, Spain

**Date of event:** 03/06/2024

**End date:** 05/06/2024

**Organising entity:** Sociedad Española de Metabolómica (SESMET)



Lucia Jurado Sumariva; Álvaro González Domínguez; Otto Savolainen; Jesús Domínguez Riscart; Rikard Landberg; Raúl González Domínguez.

- 20** **Title of the work:** Probing erythrocytes as sensitive and reliable sensors of metabolic disturbances in the crosstalk between childhood obesity and insulin resistance  
**Name of the conference:** II International Conference of the Spanish Metabolomics Society  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**City of event:** Sevilla, Spain  
**Date of event:** 03/06/2024  
**End date:** 05/06/2024  
**Organising entity:** Sociedad Española de Metabolómica (SESMET)  
Álvaro González Domínguez; Otto Savolainen; Jesús Domínguez Riscart; Alfonso Lechuga Sancho; Rikard Landberg; Raúl González Domínguez.
- 21** **Title of the work:** QComics: Recommendations and Guidelines for Robust, Easily Implementable and Reportable Quality Control of Metabolomics Data  
**Name of the conference:** II International Conference of the Spanish Metabolomics Society  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Sevilla, Spain  
**Date of event:** 03/06/2024  
**End date:** 05/06/2024  
**Organising entity:** Sociedad Española de Metabolómica (SESMET)  
Álvaro González Domínguez; Núria Estanyol Torres; Carl Brunius; Rikard Landberg; Raúl González Domínguez.
- 22** **Title of the work:** Caractérisation d'une signature du profil alimentaire MIND dans le métabolome alimentaire, et étude de son lien avec le vieillissement cognitif  
**Name of the conference:** Journées Francophones de Nutrition  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**City of event:** Marseille, France  
**Date of event:** 06/12/2023  
**End date:** 09/12/2023  
**Organising entity:** Société Francophone Nutrition Clinique et Métabolisme  
Jeanne Neuffer; Raúl González Domínguez; Sophie Lefèvre-Arbogast; Dorrain Low; Alba Tor Roca; Catherine Helmer; Alex Sanchez Pla; Cristina Andrés Lacueva; Mireia Urpi Sarda; Cécilia Samieri.
- 23** **Title of the work:** Development of a Method to Measure a Biomarker Panel Reflecting Dietary Exposure  
**Name of the conference:** 14th European Nutrition Conference (FENS 2023)  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Belgrade, Serbia  
**Date of event:** 14/11/2023  
**End date:** 17/11/2023  
**Organising entity:** Federation of European Nutrition Societies  
Stefania Noerman; Marina Armeni; Giuseppe di Pede; Raúl González Domínguez; Otto Savolainen; Rikard Landberg. 91 - 1, pp. 421. ISSN 2504-3900  
**DOI:** 10.3390/proceedings2023091421



- 24** **Title of the work:** QComics: Recommendations and Guidelines for Robust, Easily Implementable and Reportable Quality Control of Metabolomics Data  
**Name of the conference:** 3rd Nordic Metabolomics Conference  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Trondheim, Norway  
**Date of event:** 18/10/2023  
**End date:** 20/10/2023  
**Organising entity:** Nordic Metabolomics Society  
Núria Estanyol Torres; Álvaro González Domínguez; Carl Brunius; Rikard Landberg; Raúl González Domínguez.
- 25** **Title of the work:** Metabolomic biomarkers linking dietary fibre intake with its cardiometabolic effects: Results from the Danish Diet, Cancer and Health – Next Generations MAX study  
**Name of the conference:** 19th Annual Conference of the Metabolomics Society (Metabolomics 2023)  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Niagara Falls, Canada  
**Date of event:** 18/06/2023  
**End date:** 22/06/2023  
**Organising entity:** Metabolomics Society  
Cristina Andrés Lacueva; Andrea Unión Caballero; Tomás Meroño; Raul Zamora Ros; Agnetha Linn Rostgaard-Hansen; Antonio Miñarro; Alex Sanchez Pla; Nuria Estanyol Torres; Marta Cubedo; Raúl González Domínguez; Anne Tjønneland; Gabrielle Riccardi; Rikard Landberg; Jytte Halkjær.
- 26** **Title of the work:** Influencia de los tratamientos térmicos en la calidad culinaria del garbanzo y mejora de la digestibilidad  
**Name of the conference:** Transfiriendo UHU  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Huelva, Andalucía, Spain  
**Date of event:** 20/04/2023  
**End date:** 20/04/2023  
**Organising entity:** Universidad de Huelva **Type of entity:** University  
Raúl González Domínguez; María Santos Martín; Teresa Cavaco; José Luis Guzmán; Ana Sayago; Ángeles Fernández Recamales.
- 27** **Title of the work:** Utilización de disolventes verdes para la valorización de biomasa (BIOGREEN)  
**Name of the conference:** Transfiriendo UHU  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Huelva, Andalucía, Spain  
**Date of event:** 20/04/2023  
**End date:** 20/04/2023  
**Organising entity:** Universidad de Huelva **Type of entity:** University  
María Santos Martín; Verónica López Carbón; Raúl González Domínguez; Ángeles Fernández Recamales; Ana Sayago.
- 28** **Title of the work:** Utilización de disolventes verdes para la valorización de residuos agrícolas  
**Name of the conference:** Transfiriendo UHU  
**Type of event:** Conference **Geographical area:** National



**Type of participation:** Participatory - poster

**City of event:** Huelva, Andalucía, Spain

**Date of event:** 20/04/2023

**End date:** 20/04/2023

**Organising entity:** Universidad de Huelva

María Santos Martín; Raúl González Domínguez; Amanda Haro; Juan Urbano; Ángeles Fernández Recamales; Ana Sayago.

**Reasons for participation:** Open access

**Type of entity:** University

**29 Title of the work:** Altered Metal Homeostasis Associates with Inflammation, Oxidative Stress, Impaired Glucose Metabolism, and Dyslipidemia in the Crosstalk Between Childhood Obesity and Insulin Resistance

**Name of the conference:** 4th Biomarkers of the Future 2022 Virtual Conference

**Type of event:** Conference

**Geographical area:** Non EU International

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**Date of event:** 15/11/2022

**End date:** 16/11/2022

**Organising entity:** Overcome GMBH

Álvaro González Domínguez; Alfonso María Lechuga Sancho; Raúl González Domínguez.

**30 Title of the work:** Aplicación de técnicas metabolómicas para la determinación de compuestos bioactivos en muestras alimentarias y biológicas

**Name of the conference:** XVII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Sevilla, Andalucía, Spain

**Date of event:** 06/10/2022

**End date:** 07/10/2022

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica

Raúl González Domínguez; María Santos Martín; Ana Sayago Gómez; Ángeles Fernández Recamales. pp. 90 - 90. ISBN 978-84-09-44794-7

**31 Title of the work:** Aplicación de técnicas metabolómicas complementarias para estudiar el efecto de la ingesta de algas comestibles

**Name of the conference:** XVII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Sevilla, Andalucía, Spain

**Date of event:** 06/10/2022

**End date:** 07/10/2022

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica

Raúl González Domínguez; Álvaro González Domínguez; Remedios Castro Gómez; Alfonso María Lechuga Sancho; Enrique Durán Guerrero. pp. 133 - 133. ISBN 978-84-09-44794-7

**32 Title of the work:** Asociación del perfil metalómico con marcadores de inflamación, estrés oxidativo, metabolismo glucídico y dislipidemia en obesidad infantil

**Name of the conference:** XVII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access

**City of event:** Sevilla, Andalucía, Spain



**Date of event:** 06/10/2022

**End date:** 07/10/2022

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Álvaro González Domínguez; María Millán Martínez; Daniel Sánchez Rodas; Alfonso María Lechuga Sancho; Raúl González Domínguez. pp. 42 - 42. ISBN 978-84-09-44794-7

**33 Title of the work:** Determinación de compuestos fenólicos y actividad biológica en mieles del suroeste de la Península Ibérica

**Name of the conference:** XVII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Sevilla, Andalucía, Spain

**Date of event:** 06/10/2022

**End date:** 07/10/2022

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Ana Sayago Gómez; Raúl González Domínguez; María Santos Martín; Teresa Cavaco; Ángeles Fernández Recamales. pp. 101 - 101. ISBN 978-84-09-44794-7

**34 Title of the work:** Extracción de compuestos bioactivos de hojas de olivo mediante disolventes verdes

**Name of the conference:** XVII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Sevilla, Andalucía, Spain

**Date of event:** 06/10/2022

**End date:** 07/10/2022

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
María Santos Martín; Raúl González Domínguez; Juan Urbano; Ángeles Fernández Recamales; Ana Sayago Gómez. pp. 153 - 153. ISBN 978-84-09-44794-7

**35 Title of the work:** Influencia de los tratamientos térmicos en la calidad culinaria del garbanzo y mejora de la digestibilidad

**Name of the conference:** XVII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Sevilla, Andalucía, Spain

**Date of event:** 06/10/2022

**End date:** 07/10/2022

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Raúl González Domínguez; María Santos Martín; Ana Sayago Gómez; Ángeles Fernández Recamales. pp. 89 - 89. ISBN 978-84-09-44794-7

**36 Title of the work:** Valorización de subproductos agrícolas (hojas de arándano) utilizando disolventes eutécticos para la extracción de compuestos bioactivos

**Name of the conference:** XVII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Sevilla, Andalucía, Spain

**Date of event:** 06/10/2022



**End date:** 07/10/2022

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
María Santos Martín; Raúl González Domínguez; Ángeles Fernández Recamales; Ana Sayago Gómez. pp. 103 - 103. ISBN 978-84-09-44794-7

**37 Title of the work:** Exploration of the gut-brain axis through metabolomics identifies serum propionic acid associated with higher cognitive decline in older persons

**Name of the conference:** Alzheimer's Association International Conference 2022

**Type of event:** Conference

**Geographical area:** Non EU International

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** San Diego, United States of America

**Date of event:** 31/07/2022

**End date:** 04/08/2022

**Organising entity:** Alzheimer's Association

Jeanne Neuffer; Raúl González Domínguez; Sophie Lefèvre-Arbogast; Dorrain Low; Bénédicte Driollet; Catherine Helmer; Andrea Du Preez; Chiara De Lucia; Silvie Ruigrok; Barbara Altendorfer; Ludwig Aigner; Paul Lucassen; Aniko Korosi; Sandrine Thuret; Claudine Manach; Mercè Pallas; Mireia Urpi Sarda; Alex Sanchez Pla; Cristina Andrés Lacueva; Cécilia Samieri. 18, pp. e060309 - e060309. ISSN 1552-5279

**DOI:** 10.1002/alz.060309

**38 Title of the work:** Aplicación de Técnicas Metabólicas Complementarias para Estudiar el Efecto de la Ingesta de Algas Comestibles

**Name of the conference:** XXIII Reunión de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Oviedo, Asturias, Principado de, Spain

**Date of event:** 12/07/2022

**End date:** 14/07/2022

**Organising entity:** Sociedad Española de Química Analítica

Raúl González Domínguez; Álvaro González Domínguez; Remedios Castro Gómez; Alfonso María Lechuga Sancho; Enrique Durán Guerrero.

**39 Title of the work:** Estudio del Perfil Metalómico Plasmático y Eritrocitario en Obesidad Infantil y su Asociación con Alteraciones del Metabolismo Glucídico, Inflamación y Estrés Oxidativo

**Name of the conference:** XXIII Reunión de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access

**City of event:** Oviedo, Asturias, Principado de, Spain

**Date of event:** 12/07/2022

**End date:** 14/07/2022

**Organising entity:** Sociedad Española de Química Analítica

Álvaro González Domínguez; María Millán Martínez; Daniel Sánchez Rodas; Alfonso María Lechuga Sancho; Raúl González Domínguez.

**40 Title of the work:** Extracción Asistida por Ultrasonidos de Compuestos Fenólicos de Material Foliar Utilizando Disolventes Eutécticos Profundos Naturales (NADES) para la Valorización de Residuos Agroalimentarios

**Name of the conference:** XXIII Reunión de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Oviedo, Asturias, Principado de, Spain



**Date of event:** 12/07/2022

**End date:** 14/07/2022

**Organising entity:** Sociedad Española de Química Analítica

María Santos Martín; Raúl González Domínguez; Ana Sayago Gómez; Ángeles Fernández Recamales.

**41 Title of the work:** Metabolómica de Alto Rendimiento y Amplia Cobertura para la Determinación de Compuestos Fenólicos en Muestras Alimentarias y Biológicas

**Name of the conference:** XXIII Reunión de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Oviedo, Asturias, Principado de, Spain

**Date of event:** 12/07/2022

**End date:** 14/07/2022

**Organising entity:** Sociedad Española de Química Analítica

Raúl González Domínguez; María Santos Martín; Ángeles Fernández Recamales; Ana Sayago Gómez.

**42 Title of the work:** Bacterial DNAemia is associated with serum zonulin levels in older subjects involved in a dietary intervention based on high-polyphenol intake

**Name of the conference:** 3rd International Conference on Food Bioactives & Health

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Parma, Italy

**Date of event:** 21/06/2022

**End date:** 24/06/2022

**Organising entity:** School of Advanced Studies on Food and Nutrition

Giorgio Gargari; Valentina Taverniti; Cristian del Bo'; Stefano Bernardi; Cristina Andrés Lacueva; Raúl González Domínguez; Paul Kroon; Mark Winterbone; Antonio Cherubini; Patricia Riso; Simone Guglielmetti.

**43 Title of the work:** Nutrimetabolomic study to identify biomarkers of anthocyanins: Targeting the gut microbiota activity through a randomized, controlled, cross-over trial in healthy individuals

**Name of the conference:** 18th Annual Conference of the Metabolomics Society (Metabolomics 2022)

**Type of event:** Conference

**Geographical area:** Non EU International

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**Date of event:** 19/06/2022

**End date:** 23/06/2022

**Organising entity:** Metabolomics Society

Hamza Mostafa; Tomás Meroño; Raúl González Domínguez; Silvia Rudloff; Sabine Kunz; Cristina Andrés Lacueva.

**44 Title of the work:** Asociación entre el perfil metalómico plasmático, inflamación y metabolismo del hierro en obesidad infantil

**Name of the conference:** 44º Congreso de la Sociedad Española de Endocrinología Pediátrica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Oviedo, Asturias, Principado de, Spain

**Date of event:** 11/05/2022

**End date:** 13/05/2022

**Organising entity:** Sociedad Española de Endocrinología Pediátrica (SEEP)

Álvaro González Domínguez; María Millán Martínez; Pablo Ruiz Ocaña; Daniel Sánchez Rodas; Alfonso María Lechuga Sancho; Raúl González Domínguez. 13, pp. 263 - 263. ISSN 2013-7788

- 45** **Title of the work:** Nutrimetabolomic study to identify biomarkers of anthocyanins: Targeting the gut microbiota activity through a randomized, controlled, cross-over trial in healthy individuals  
**Name of the conference:** 10th International Conference on Polyphenols and Health  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** London, United Kingdom  
**Date of event:** 20/04/2022  
**End date:** 23/04/2022  
**Organising entity:** University of Reading  
Hamza Mostafa; Tomás Meroño; Raúl González Domínguez; Silvia Rudloff; Sabine Kuntz; Cristina Andrés Lacueva.
- 46** **Title of the work:** Modulation of microglia function via omega-3 polyunsaturated fatty acids in the context of Alzheimer's disease  
**Name of the conference:** International Conference on Alzheimer's and Parkinson's Diseases and related neurological disorders (AD/PD 2022)  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Barcelona, Spain  
**Date of event:** 15/03/2022  
**End date:** 20/03/2022  
**Organising entity:** AD/PD  
Barbara Altendorfer; Iris Leister; Sophie Lefèvre-Arbogast; Claudine Manach; Dorrain Low; Mireia Urpi Sarda; Cristina Andrés Lacueva; Raúl González Domínguez; Thomas Felder; Julia Tevini; Diana Marisa Bessa de Sousa; Reinhold Schmidt; Paul Lucassen; Silvie Ruigrok; Chiara De Lucia; Andrea Du Preez; Catherine Helmer; Cécile Proust-Lima; Aniko Korosi; Cécilia Samieri; Sandrine Thuret; Ludwig Aigner.
- 47** **Title of the work:** High-throughput and quantitative metabolomics-based tool for biomarker discovery in exposome research  
**Name of the conference:** 3rd Biomarkers of the Future 2021 Virtual Conference  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**Date of event:** 23/11/2021  
**End date:** 24/11/2021  
**Organising entity:** Overcome GMBH  
Raúl González Domínguez; Cristina Andrés Lacueva.
- 48** **Title of the work:** New solvents for bioactive compounds extraction from blueberry leaves  
**Name of the conference:** XX Reunión de la Sociedad Española de Cromatografía y Técnicas Afines (SECyTA 2021)  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**Date of event:** 18/11/2021  
**End date:** 19/11/2021  
**Organising entity:** Sociedad Española de Cromatografía y Técnicas Afines (SECyTA)  
María Santos Martín; Ana Sayago; Raúl González Domínguez; Juan Urbano; Ángeles Fernández Recamales.
- 49** **Title of the work:** Quantitative large scale metabolomics platform for characterizing the human exposome  
**Name of the conference:** XX Reunión de la Sociedad Española de Cromatografía y Técnicas Afines (SECyTA 2021)



**Type of event:** Conference

**Type of participation:** Participatory - others

**Date of event:** 18/11/2021

**End date:** 19/11/2021

**Organising entity:** Sociedad Española de Cromatografía y Técnicas Afines (SECyTA)

Raúl González Domínguez; Cristina Andrés Lacueva.

**Geographical area:** National

**Reasons for participation:** Open access

**50 Title of the work:** Métabolites dérivés du microbiote intestinal et déclin cognitif: une exploration de l'axe intestin-cerveau

**Name of the conference:** Journées Francophones de Nutrition

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access

**City of event:** Lille, France

**Date of event:** 10/11/2021

**End date:** 12/11/2021

**Organising entity:** Société Francophone Nutrition Clinique et Métabolisme

Jeanne Neuffer; Raúl González Domínguez; Sophie Lefèvre-Arbogast; Dorrain Low; Bénédicte Driollet; Catherine Helmer; Andrea Du Preez; Chiara De Lucia; Silvie Ruigrok; Barbara Altendorfer; Ludwig Aigner; Paul Lucassen; Aniko Korosi; Sandrine Thuret; Claudine Manach; Mercè Pallas; Mireia Urpi Sarda; Alex Sanchez Pla; Cristina Andrés Lacueva; Cécilia Samieri. 36 - 1, pp. S7 - S8. ISSN 1768-3092

**DOI:** 10.1016/j.nupar.2021.12.014

**51 Title of the work:** Comprehensive and quantitative metabolomics platform for characterizing the human exposome

**Name of the conference:** 3rd annual MANA conference

**Type of event:** Conference

**Geographical area:** Non EU International

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**Date of event:** 18/10/2021

**End date:** 21/10/2021

**Organising entity:** Metabolomics Association of North America

Raúl González Domínguez; Cristina Andrés Lacueva.

**52 Title of the work:** Development of a large scale quantitative platform for metabolomics-based exposome research

**Name of the conference:** 17th Annual Workshop on Emerging High-Resolution Mass Spectrometry (HRMS) and LC-MS/MS Applications in Environmental Analysis and Food Safety

**Type of event:** Conference

**Geographical area:** Non EU International

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Ottawa, Canada

**Date of event:** 14/10/2021

**End date:** 15/10/2021

**Organising entity:** Environment and Climate Change Canada

Raúl González Domínguez; Cristina Andrés Lacueva.

**53 Title of the work:** Gut microbiota metabolites and cognitive decline: an exploration of the gut-brain axis

**Name of the conference:** Nutrition, Metabolism and Dementia Professional Interest Area: Scientific Session

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access

**Date of event:** 16/09/2021

**End date:** 16/09/2021

**Organising entity:** Alzheimer's Association

Jeanne Neuffer; Raúl González Domínguez; Sophie Lefèvre-Arbogast; Dorrain Low; Bénédicte Driollet; Catherine Helmer; Andrea Du Preez; Chiara De Lucia; Silvie Ruigrok; Barbara Altendorfer; Ludwig Aigner; Paul Lucassen; Aniko Korosi; Sandrine Thuret; Claudine Manach; Mercè Pallas; Mireia Urpi Sarda; Alex Sanchez Pla; Cristina Andrés Lacueva; Cécilia Samieri.

- 54 Title of the work:** Quantitative dietary fingerprinting (QDF) - A novel tool for comprehensive dietary assessment based on quantitative large-scale multianalyte metabolomics platform

**Name of the conference:** ACS Fall 2021

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - invited / keynote talk

**Reasons for participation:** Upon invitation

**City of event:** Georgia, United States of America

**Date of event:** 22/08/2021

**End date:** 26/08/2021

**Organising entity:** American Chemical Society

Raúl González Domínguez; Mireia Urpi Sarda; Olga Jáuregui; Paul Needs; Paul Kroon; Cristina Andrés Lacueva.

- 55 Title of the work:** POMA: An user-friendly workflow for pre-processing and statistical analysis of mass spectrometry data

**Name of the conference:** European Bioconductor Meeting 2020

**Type of event:** Conference

**Geographical area:** Non EU International

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access

**Date of event:** 14/12/2020

**End date:** 18/12/2020

**Organising entity:** Bioconductor

Pol Castellano Escuder; Raúl González Domínguez; Cristina Andrés Lacueva; Alex Sánchez Pla.

- 56 Title of the work:** Biodisponibilidad y efecto sobre la salud intestinal y metabólica de la ingesta de fibra

**Name of the conference:** IV Congreso FESNAD

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access

**Date of event:** 03/11/2020

**End date:** 06/11/2020

**Organising entity:** Federación Española de Sociedades de Nutrición, Alimentación y Dietética (FESNAD)

Núria Estanyol Torres; Raúl González Domínguez; José Antonio Moreno Muñoz; Ferran Reverter; Antonio Miñarro; Anna Crescenti Savall; Antoni Caimari; María Rodríguez Palmero; Josep del Bas; Cristina Andrés Lacueva.

- 57 Title of the work:** Efectos diferenciales de probióticos, prebióticos y su combinación sobre alteraciones relacionadas con la obesidad

**Name of the conference:** IV Congreso FESNAD

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**Date of event:** 03/11/2020

**End date:** 06/11/2020

**Organising entity:** Federación Española de Sociedades de Nutrición, Alimentación y Dietética (FESNAD)

Anna Crescenti Savall; Antoni Caimari; Núria Estanyol Torres; Raúl González Domínguez; José Antonio Moreno Muñoz; Cristina de Almagro; María Rodríguez Palmero; Cristina Andrés Lacueva; Josep del Bas.



- 58** **Title of the work:** Evaluación del efecto de la ingesta de fibra en síndrome metabólico, aproximación multifactorial  
**Name of the conference:** IV Congreso FESNAD  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**Date of event:** 03/11/2020  
**End date:** 06/11/2020  
**Organising entity:** Federación Española de Sociedades de Nutrición, Alimentación y Dietética (FESNAD) Núria Estanyol Torres; Raúl González Domínguez; María Rodríguez Palmero; Antonio Miñarro; Ferran Reverter; Anna Crescenti Savall; Antoni Caimari; José Antonio Moreno Muñoz; Josep del Bas; Cristina Andrés Lacueva.
- 59** **Title of the work:** Characterization of the human exposome by a comprehensive and quantitative large scale multi-analyte metabolomics platform  
**Name of the conference:** 16th Annual Conference of the Metabolomics Society (Metabolomics 2020)  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**Date of event:** 27/10/2020  
**End date:** 29/10/2020  
**Organising entity:** Metabolomics Society Raúl González Domínguez; Cristina Andrés Lacueva.
- 60** **Title of the work:** FOBI: an ontology to represent food intake data and associate it with metabolomic data  
**Name of the conference:** 16th Annual Conference of the Metabolomics Society (Metabolomics 2020)  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**Date of event:** 27/10/2020  
**End date:** 29/10/2020  
**Organising entity:** Metabolomics Society Pol Castellano Escuder; Raúl González Domínguez; David Wishart; Cristina Andrés Lacueva; Alex Sánchez Pla.
- 61** **Title of the work:** POMA: a Shiny app that integrates several widely used statistical methods in omics data analysis  
**Name of the conference:** BioC Asia 2020  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**Date of event:** 15/10/2020  
**End date:** 18/10/2020  
**Organising entity:** Bioconductor Pol Castellano Escuder; Raúl González Domínguez; Cristina Andrés Lacueva; Alex Sánchez Pla.
- 62** **Title of the work:** FOBI: An ontology to represent food intake data and associate it with metabolomic data  
**Name of the conference:** The 11th International Conference on Biomedical Ontologies  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**Date of event:** 31/08/2020  
**End date:** 07/10/2020  
**Organising entity:** University College London



Pol Castellano Escuder; Raúl González Domínguez; David Wishart; Cristina Andrés Lacueva; Alex Sánchez Pla.

- 63** **Title of the work:** A novel multi-targeted quantitative approach for nutrimentalomics research  
**Name of the conference:** Metabomeeting 2020  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Toulouse, France  
**Date of event:** 22/01/2020  
**End date:** 24/01/2020  
**Organising entity:** Metabolomics Profiling Forum  
Raúl González Domínguez; Cristina Andrés Lacueva.
- 64** **Title of the work:** FOBI: An ontology to represent food intake data and associate it with metabolomic data  
**Name of the conference:** Metabomeeting 2020  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Toulouse, France  
**Date of event:** 22/01/2020  
**End date:** 24/01/2020  
**Organising entity:** Metabolomics Profiling Forum  
Pol Castellano Escuder; Raúl González Domínguez; David S Wishart; Cristina Andrés Lacueva; Alexandre Sánchez Pla.
- 65** **Title of the work:** FOBI: An ontology to represent food intake data and associate it with metabolomic data  
**Name of the conference:** VII Jornada de Bioinformàtica i Genòmica  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Barcelona, Spain  
**Date of event:** 17/12/2019  
**End date:** 17/12/2019  
**Organising entity:** Societat Catalana de Biologia  
Pol Castellano Escuder; Raúl González Domínguez; David S Wishart; Cristina Andrés Lacueva; Alexandre Sánchez Pla.
- 66** **Title of the work:** A novel multi-targeted quantitative approach for nutrimentalomics research  
**Name of the conference:** 9th International Conference on Polyphenols and Health  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Kobe, Japan  
**Date of event:** 28/11/2019  
**End date:** 01/12/2019  
**Organising entity:** ICPH  
Raúl González Domínguez; Cristina Andrés Lacueva.
- 67** **Title of the work:** MaPLE study: reliability and significance of a polyphenol-rich dietary pattern for the improvement of intestinal permeability in the older subjects  
**Name of the conference:** 9th International Conference on Polyphenols and Health  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Kobe, Japan



**Date of event:** 28/11/2019

**End date:** 01/12/2019

**Organising entity:** ICPH

Patricia Riso; Stefano Bernardi; Cristian del Bo'; Paul Kroon; Benjamin Kirkup; Antonio Cherubini; Nicole Hidalgo Liberona; Gregorio Peron; Raúl González Domínguez; Cristina Andrés Lacueva; Simone Guglielmetti.

**68 Title of the work:** FBonto: An ontology to represent food intake data and associate it with metabolomic data

**Name of the conference:** Nordic Metabolomics Society workshop

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Oslo, Norway

**Date of event:** 31/10/2019

**End date:** 01/11/2019

**Organising entity:** Nordic Metabolomics Society

Pol Castellano Escuder; Raúl González Domínguez; David S Wishart; Cristina Andrés Lacueva; Alexandre Sánchez Pla.

**69 Title of the work:** Intestinal permeability modulation through a polyphenol-rich dietary pattern in older subjects: MaPLE project outcomes and perspectives

**Name of the conference:** 13th European Nutrition Conference

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Dublin, Ireland

**Date of event:** 15/10/2019

**End date:** 18/10/2019

**Organising entity:** The Nutrition Society

Stefano Bernardi; Cristian del Bo'; Simone Guglielmetti; Giorgio Gargari; Antonio Cherubini; Paul Kroon; Benjamin Kirkup; Nicole Hidalgo Liberona; Gregorio Peron; Raúl González Domínguez; Cristina Andrés Lacueva; Patricia Riso. 79, pp. E535 - E535. ISSN 1475-2719

**DOI:** 10.1017/S002966512000484X

**70 Title of the work:** Polyphenol intake and intestinal permeability in the older subjects: the contribution of the MaPLE project

**Name of the conference:** NutRedOx Meeting

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access

**City of event:** Lisbon, Portugal

**Date of event:** 02/10/2019

**End date:** 04/10/2019

**Organising entity:** European Cooperation in Science and Technology

Stefano Bernardi; Cristian del Bo'; Simone Guglielmetti; Giorgio Gargari; Antonio Cherubini; Paul Kroon; Benjamin Kirkup; Nicole Hidalgo Liberona; Gregorio Peron; Raúl González Domínguez; Cristina Andrés Lacueva; Patricia Riso.

**71 Title of the work:** Role of a polyphenol-rich dietary pattern in the modulation of Intestinal Permeability and related markers in older subjects

**Name of the conference:** 15th International Congress of the European Geriatric Medicine Society

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access



**City of event:** Krakow, Poland

**Date of event:** 25/09/2019

**End date:** 27/09/2019

**Organising entity:** European Geriatric Medicine Society

Antonio Cherubini; Stefano Bernardi; Cristian del Bo'; Simone Guglielmetti; Giorgio Gargari; Paul Kroon; Benjamin Kirkup; Barbara Carrieri; Nicole Hidalgo Liberona; Gregorio Peron; Raúl González Domínguez; Cristina Andrés Lacueva; Patricia Riso. 10, pp. S8 - S9. ISSN 1878-7657

**72 Title of the work:** Potencial de las técnicas espectroscópicas (UV-VIS, NIR) en la diferenciación de vinagres y la predicción de su biofuncionalidad

**Name of the conference:** XXII Reunión de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Valladolid, Spain

**Date of event:** 17/07/2019

**End date:** 19/07/2019

**Organising entity:** Sociedad Española de Química Analítica

Raúl González Domínguez; Ana Sayago Gómez; Ángeles Fernández Recamales.

**73 Title of the work:** Trazabilidad geográfica del garbanzo en base a sus características físico-químicas y perfil mineral

**Name of the conference:** XXII Reunión de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Valladolid, Galicia, Spain

**Date of event:** 17/07/2019

**End date:** 19/07/2019

**Organising entity:** Sociedad Española de Química Analítica

Pilar del Rocío Franco; Juan Bautista Bueno; Raúl González Domínguez; Ana Sayago Gómez; Ángeles Fernández Recamales.

**74 Title of the work:** Untargeted metabolomics in a prospective cohort to identify diet-related metabolites associated with age-related cognitive decline

**Name of the conference:** Alzheimer's Association International Conference 2019

**Type of event:** Conference

**Geographical area:** Non EU International

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Los Angeles, United States of America

**Date of event:** 14/07/2019

**End date:** 18/07/2019

**Organising entity:** Alzheimer's Association

Sophie Lefèvre-Arbogast; Dorrain Low; Raúl González Domínguez; Mireia Urpi Sarda; Pierre Micheau; Melanie Petera; Delphine Centeno; Stephanie Durand; Estelle Pujos-Guillot; Aniko Korosi; Paul Lucassen; Ludwig Aigner; Cécile Proust-Lima; Boris Hejblum; Catherine Helmer; Cristina Andrés Lacueva; Sandrine Thuret; Claudine Manach; Cécilia Samieri. 15, pp. P234 - P234. ISSN 1552-5279

**DOI:** 10.1016/j.jalz.2019.06.036

**75 Title of the work:** Una aproximación al concepto de reserva cognitiva: small data y síndrome de Down

**Name of the conference:** XVI Congreso de Metodología de las Ciencias Sociales y de la Salud

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**City of event:** Madrid, Spain

**Date of event:** 08/07/2019



**End date:** 10/07/2019

**Organising entity:** Asociación Española de Metodología de las Ciencias del Comportamiento  
Cristina Cañete Massé; Maria Carbó Carreté; Guillermo Rubén Oviedo; Nuria Hidalgo Torres; Laia Farràs Permanyer; Neus Estanyol Torres; Casimiro Javierre Garcés; Raúl González Domínguez; Miriam Guerra Balic; Cristina Andrés Lacueva.

**76 Title of the work:** Food Intake Biomarkers for Increasing the Efficiency of Dietary Pattern Assessment through the Use of Metabolomics: Unforeseen Research Requirements for Addressing Current Gaps

**Name of the conference:** 15th Annual Conference of the Metabolomics Society

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** The Hague, Holland

**Date of event:** 23/06/2019

**End date:** 27/06/2019

**Organising entity:** Metabolomics Society

Cristina Andrés Lacueva; Mar García Aloy; Raúl González Domínguez.

**77 Title of the work:** Quantitative Dietary Fingerprinting (QDF) – A novel tool for comprehensive dietary assessment based on urinary nutrimental metabolomics

**Name of the conference:** 15th Annual Conference of the Metabolomics Society

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access

**City of event:** The Hague, Holland

**Date of event:** 23/06/2019

**End date:** 27/06/2019

**Organising entity:** Metabolomics Society

Raúl González Domínguez; Mireia Urpi Sarda; Olga Jáuregui; Paul Needs; Paul Kroon; Cristina Andrés Lacueva.

**78 Title of the work:** Untargeted metabolomics in a prospective cohort to identify diet-related metabolites associated with age-related cognitive decline

**Name of the conference:** 15th Annual Conference of the Metabolomics Society

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access

**City of event:** The Hague, Holland

**Date of event:** 23/06/2019

**End date:** 27/06/2019

**Organising entity:** Metabolomics Society

Dorain Low; Sophie Lefèvre-Arbogast; Raúl González Domínguez; Mireia Urpi Sarda; Pierre Micheau; Melanie Petera; Delphine Centeno; Stephanie Durand; Estelle Pujos-Guillot; Aniko Korosi; Paul Lucassen; Ludwig Aigner; Cécile Proust-Lima; Boris Hejblum; Catherine Helmer; Cristina Andrés Lacueva; Sandrine Thuret; Cécilia Samieri; Claudine Manach.

**79 Title of the work:** Role of a Polyphenol-Rich Dietary Pattern in the Modulation of Intestinal Permeability in Older Subjects: The MaPLE Study

**Name of the conference:** Natural Products and the Hallmarks of Chronic Diseases

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Luxembourg, Luxembourg

**Date of event:** 25/03/2019



**End date:** 27/03/2019

**Organising entity:** European Cooperation in Science and Technology

Stefano Bernardi; Cristian del Bo'; Simone Guglielmetti; Antonio Cherubini; Paul Kroon; Benjamin Kirkup; Nicole Hidalgo Liberona; Gregorio Peron; Raúl González Domínguez; Cristina Andrés Lacueva; Patricia Riso. 11 - 1, pp. 8. ISSN 2504-3900

**DOI:** 10.3390/proceedings2019011008

- 80** **Title of the work:** Metabolomic study after a polyphenol rich-diet intervention in elderly population with intestinal permeability  
**Name of the conference:** The 5th international conference of the Joint Programming Initiative 'A Healthy Diet for a Healthy Life'  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Bruselas, Belgium  
**Date of event:** 20/02/2019  
**End date:** 21/02/2019  
**Organising entity:** Joint Programming Initiative 'A Healthy Diet for a Healthy Life'  
Raúl González Domínguez; Núria Estanyol Torres; Nicole Hidalgo Liberona; Stefano Bernardi; Simone Guglielmetti; Antonio Cherubini; Paul Kroon; Patrizia Riso; Cristina Andrés Lacueva.

- 81** **Title of the work:** Quantitative Dietary Fingerprinting (QDF) – A novel tool for comprehensive dietary assessment based on urinary nutrimetabolomics  
**Name of the conference:** The 5th international conference of the Joint Programming Initiative 'A Healthy Diet for a Healthy Life'  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**Corresponding author:** No  
**City of event:** Bruselas, Belgium  
**Date of event:** 20/02/2019  
**End date:** 21/02/2019  
**Organising entity:** Joint Programming Initiative 'A Healthy Diet for a Healthy Life'  
Raúl González Domínguez; Mireia Urpi Sarda; Olga Jáuregui; Paul Needs; Paul Kroon; Cristina Andrés Lacueva.

- 82** **Title of the work:** Annotation of phospholipids in mass spectrometry-based metabolomics  
**Name of the conference:** 3rd International Electronic Conference on Metabolomics  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** Participatory - others **Reasons for participation:** Open access  
**Date of event:** 15/11/2018  
**End date:** 30/11/2018  
**Organising entity:** MDPI AG  
Raúl González Domínguez.  
**DOI:** 10.3390/iecm-3-05837

- 83** **Title of the work:** Application of targeted and non-targeted approaches to investigate the effect of genotype and growing conditions on the strawberry metabolome  
**Name of the conference:** 3rd International Electronic Conference on Metabolomics  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** Participatory - others **Reasons for participation:** Open access  
**Date of event:** 15/11/2018  
**End date:** 30/11/2018  
**Organising entity:** MDPI AG



Raúl González Domínguez; Ana Sayago; Ángeles Fernández Recamales.  
DOI: 10.3390/iecm-3-05838

- 84** **Title of the work:** Comparison of complementary statistical analysis approaches in metabolomic food traceability  
**Name of the conference:** 3rd International Electronic Conference on Metabolomics  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** Participatory - others **Reasons for participation:** Open access  
**Date of event:** 15/11/2018  
**End date:** 30/11/2018  
**Organising entity:** MDPI AG  
Raúl González Domínguez; Ana Sayago; Ángeles Fernández Recamales.  
DOI: 10.3390/iecm-3-05839
- 85** **Title of the work:** Comparison of the metabolomic signature of diabetes and the oral glucose tolerance test  
**Name of the conference:** 4th International Electronic Conference on Medicinal Chemistry  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** Participatory - others **Reasons for participation:** Open access  
**Date of event:** 01/11/2018  
**End date:** 30/11/2018  
**Organising entity:** MDPI AG  
Álvaro González Domínguez; Alfonso Lechuga Sancho; Raúl González Domínguez.
- 86** **Title of the work:** Bacterial DNA in blood is associated with serum zonulin levels in older subjects  
**Name of the conference:** 6th World Congress on Targeting Microbiota  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**City of event:** Porto, Portugal  
**Date of event:** 28/10/2018  
**End date:** 30/10/2018  
**Organising entity:** International Society of Microbiota  
Giorgio Gargari; Valentina Taverniti; Cristian del Bo'; Stefano Bernardi; Cristina Andrés Lacueva; Raúl González Domínguez; Paul Kroon; Mark Winterbone; Antonio Cherubini; Patricia Riso; Simone Guglielmetti.
- 87** **Title of the work:** Diferenciación de frutos rojos ("berries") en base al perfil fenólico y actividad antioxidante  
**Name of the conference:** XVI Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica (GRASEQA 2018)  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Granada, Spain  
**Date of event:** 04/10/2018  
**End date:** 05/10/2018  
**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Ana Sayago; Rafael Beltrán; Ángeles Fernández Recamales; Raúl González Domínguez. pp. 42 - 42. ISBN 978-84-17293-62-8
- 88** **Title of the work:** Metabolomic multi-platforms in biomedical research  
**Name of the conference:** XVI Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica (GRASEQA 2018)  
**Type of event:** Conference **Geographical area:** National



**Type of participation:** Participatory - poster

**City of event:** Granada, Spain

**Date of event:** 04/10/2018

**End date:** 05/10/2018

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica

Raúl González Domínguez; Álvaro González Domínguez; Ana Sayago; Alfonso María Lechuga Sancho; Ángeles Fernández Recamales. pp. 61 - 61. ISBN 978-84-17293-62-8

**Reasons for participation:** Open access

**89 Title of the work:** Potencial de la espectroscopía UV-VIS en la diferenciación de vinagres y la predicción de su biofuncionalidad

**Name of the conference:** XVI Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica (GRASEQA 2018)

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Granada, Spain

**Date of event:** 04/10/2018

**End date:** 05/10/2018

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica

Ángeles Fernández Recamales; Rocío Martín; Raúl González Domínguez; Ana Sayago. pp. 44 - 44. ISBN 978-84-17293-62-8

**90 Title of the work:** Trazabilidad del garbanzo blanco lechoso de la IGP Escacena (Huelva) en base al perfil mineral

**Name of the conference:** XVI Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica (GRASEQA 2018)

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access

**City of event:** Granada, Spain

**Date of event:** 04/10/2018

**End date:** 05/10/2018

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica

Pilar del Rocío Franco; Juan Bautista Bueno; Raúl González Domínguez; Ana Sayago; Ángeles Fernández Recamales. pp. 43 - 43. ISBN 978-84-17293-62-8

**91 Title of the work:** Interlaboratory coverage test on plant food bioactive compounds and their metabolites by MS-based untargeted metabolomics

**Name of the conference:** 1st Nordic Metabolomics Conference

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Örebro, Sweden

**Date of event:** 26/08/2018

**End date:** 28/08/2018

**Organising entity:** Nordic Metabolomics Society

Ville M Koistinen; Andreia Bento da Silva; László Abrankó; Dorrain Low; Rocio Garcia Villalba; Francisco Tomás Barberán; Rikard Landberg; Otto Savolainen; Inmaculada Alvarez Acero; Sonia de Pascual Teresa; Christof Van Poucke; Conceição Almeida; Lucie Petrásková; Kateřina Valentová; Stephanie Durand; Wiesław Wiczowski; Dorota Szawara-Nowak; Raúl González Domínguez; Rafael Llorach; Cristina Andrés Lacueva; Anna-Marja Aura; Tuulikki Seppänen-Laakso; Kati Hanhineva; Claudine Manach; Maria Rosário Bronze.

- 92** **Title of the work:** Regulación postraduccional de la enzima catalasa en obesidad infantil  
**Name of the conference:** 40 Congreso de la Sociedad Española de Endocrinología Pediátrica  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Bilbao, Spain  
**Date of event:** 16/05/2018  
**End date:** 18/05/2018  
**Organising entity:** Sociedad Española de Endocrinología Pediátrica  
Rosa María Mateos Bernal; Álvaro González Domínguez; Pablo Ruiz Ocaña; Raúl González Domínguez; Mónica Schwarz; Carmen Segundo; Alfonso María Lechuga Sancho. 9, pp. 117 - 117. ISSN 2013-7788
- 93** **Title of the work:** Estudio de nuevos biomarcadores mediante metabolómica no-dirigida LC-MS para la predicción del riesgo de diabetes en sujetos con obesidad y elevada resistencia a la insulina  
**Name of the conference:** XIV Congreso de la Sociedad Española para el Estudio de la Obesidad (SEEDO)  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Lleida, Cataluña, Spain  
**Date of event:** 14/03/2018  
**End date:** 16/03/2018  
**Organising entity:** Sociedad Española para el Estudio de la Obesidad **Type of entity:** Associations and Groups  
Magalí Palau Rodríguez; Anna Marco Ramell; Raúl González Domínguez; Sara Tulipani; Antonio Miñarro Alonso; Alejandro Sánchez Pla; Francisco J Tinahones; Cristina Andrés Lacueva. 8, pp. 2038 - 2038. ISSN 2250-737X
- 94** **Title of the work:** Perfiles metabólicos asociados al efecto de la cirugía bariátrica en sujetos con obesidad mórbida metabólicamente sanos frente a sujetos metabólicamente enfermos  
**Name of the conference:** XIV Congreso de la Sociedad Española para el Estudio de la Obesidad (SEEDO)  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**City of event:** Lleida, Cataluña, Spain  
**Date of event:** 14/03/2018  
**End date:** 16/03/2018  
**Organising entity:** Sociedad Española para el Estudio de la Obesidad **Type of entity:** Associations and Groups  
Magalí Palau Rodríguez; Anna Marco Ramell; Raúl González Domínguez; Sara Tulipani; Antonio Miñarro Alonso; Alejandro Sánchez Pla; Francisco J Tinahones; Cristina Andrés Lacueva. 8, pp. 1979 - 1979. ISSN 2250-737X
- 95** **Title of the work:** Identification of dietary modulators of cognitive function in ageing using metabolomics discovery  
**Name of the conference:** Journée Scientifique du CRNH Auvergne  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Clermont-Ferrand, France  
**Date of event:** 23/11/2017  
**End date:** 23/11/2017  
**Organising entity:** CRNH  
Dorain Low; Sophie Lefèvre-Arbogast; Melanie Petera; Pierre Micheau; Delphine Centeno; Stephanie Durand; Cécile Proust-Lima; Boris Hejblum; Mireia Urpi Sarda; Raúl González Domínguez; Cristina Andrés Lacueva; Sandrine Thuret; Cécilia Samieri; Claudine Manach.



- 96** **Title of the work:** Identification of dietary modulators of cognitive function in ageing using metabolomics discovery  
**Name of the conference:** The 2nd International Electronic Conference on Metabolomics  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** Participatory - others **Reasons for participation:** Open access  
**Date of event:** 20/11/2017  
**End date:** 01/12/2017  
**Organising entity:** MDPI AG  
Dorrain Low; Sophie Lefèvre-Arbogast; Melanie Petera; Pierre Micheau; Delphine Centeno; Stephanie Durand; Cécile Proust-Lima; Boris Hejblum; Mireia Urpi Sarda; Raúl González Domínguez; Cristina Andrés Lacueva; Sandrine Thuret; Cécilia Samieri; Claudine Manach.  
**DOI:** 10.3390/iecm-2-04982
- 97** **Title of the work:** Identification of dietary modulators of cognitive function in ageing using metabolomics discovery  
**Name of the conference:** 8th International Conference on Polyphenols and Health  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**City of event:** Québec, Canada  
**Date of event:** 03/10/2017  
**End date:** 06/10/2017  
**Organising entity:** Laval University  
Dorrain Low; Sophie Lefèvre-Arbogast; Melanie Petera; Pierre Micheau; Delphine Centeno; Stephanie Durand; Cécile Proust-Lima; Boris Hejblum; Mireia Urpi Sarda; Raúl González Domínguez; Cristina Andrés Lacueva; Sandrine Thuret; Cécilia Samieri; Claudine Manach.
- 98** **Title of the work:** Desarrollo de una plataforma metabolómica para la caracterización del metaboloma plasmático  
**Name of the conference:** II Congreso de Obesidad y Complicaciones Metabólicas  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**City of event:** Sevilla, Andalucía, Spain  
**Date of event:** 15/03/2017  
**End date:** 17/03/2017  
**Organising entity:** Sociedad Española para el Estudio de la Obesidad **Type of entity:** Associations and Groups  
Raúl González Domínguez; Sara Tulipani; Olga Jauregui; Rafael Llorach; Francisco J Tinahones; Cristina Andrés Lacueva. 7 - 2, pp. 1687 - 1688. ISSN 2250-737X
- 99** **Title of the work:** Estudio metabolómico del efecto de la cirugía bariátrica en individuos obesos mórbidos metabólicamente sanos frente a obesos mórbidos metabólicamente enfermos  
**Name of the conference:** II Congreso de Obesidad y Complicaciones Metabólicas  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**City of event:** Sevilla, Andalucía, Spain  
**Date of event:** 15/03/2017  
**End date:** 17/03/2017  
**Type of entity:** Associations and Groups



**Organising entity:** Sociedad Española para el Estudio de la Obesidad

Magalí Palau Rodríguez; Sara Tulipani; Anna Marco Ramell; Raúl González Domínguez; Antonio Miñarro Alonso; Alejandro Sánchez Pla; Francisco J Tinahones; Cristina Andrés Lacueva. pp. 1679 - 1680. ISSN 2250-737X

- 100** **Title of the work:** A short overview on the use of metabolomic multi-platforms in biomedical research  
**Name of the conference:** International Conference on Multidisciplinary Sciences, MOL2NET-03  
**Type of event:** Conference  
**Type of participation:** Participatory - others **Reasons for participation:** Open access  
**Corresponding author:** Yes  
**Date of event:** 15/02/2017  
**End date:** 20/12/2017  
**Organising entity:** MDPI AG  
Álvaro González Domínguez; Ana Sayago; Ángeles Fernández Recamales; Raúl González Domínguez. pp. 338 - 338. ISBN 978-3-03842-819-0  
**DOI:** 10.3390/mol2net-03-04637
- 101** **Title of the work:** Development and characterization of new fermented beverages of low alcoholic graduation from strawberry  
**Name of the conference:** International Conference on Multidisciplinary Sciences  
**Type of event:** Conference  
**Type of participation:** Participatory - others **Reasons for participation:** Open access  
**Date of event:** 25/12/2016  
**End date:** 25/01/2017  
**Organising entity:** MDPI AG  
Ángeles Fernández Recamales; Ana Sayago; Raúl González Domínguez; Verónica López Carbón; Ikram Akhatou; Rafael Beltrán.  
**DOI:** 10.3390/mol2net-02-03892
- 102** **Title of the work:** Development and optimization of acaloric sweeteners extraction procedure from Stevia rebaudiana Bertoni  
**Name of the conference:** International Conference on Multidisciplinary Sciences  
**Type of event:** Conference  
**Type of participation:** Participatory - others **Reasons for participation:** Open access  
**Date of event:** 25/12/2016  
**End date:** 25/01/2017  
**Organising entity:** MDPI AG  
Verónica López Carbón; Ángeles Fernández Recamales; Ana Sayago; Raúl González Domínguez; Rafael Beltrán.  
**DOI:** 10.3390/mol2net-02-03883
- 103** **Title of the work:** NMR fingerprint to classify spanish olive varieties  
**Name of the conference:** International Conference on Multidisciplinary Sciences  
**Type of event:** Conference  
**Type of participation:** Participatory - others **Reasons for participation:** Open access  
**Date of event:** 25/12/2016  
**End date:** 25/01/2017  
**Organising entity:** MDPI AG  
Ana Sayago; Ángeles Fernández Recamales; Raúl González Domínguez; Juan Urbano; Rafael Beltrán.  
**DOI:** 10.3390/mol2net-02-03882



- 104** **Title of the work:** Target metabolomic approach looking for better strawberry growing conditions to enhance bioactive content  
**Name of the conference:** International Conference on Multidisciplinary Sciences  
**Type of event:** Conference  
**Type of participation:** Participatory - others **Reasons for participation:** Open access  
**Date of event:** 25/12/2016  
**End date:** 25/01/2017  
**Organising entity:** MDPI AG  
Ikram Akhatou; Ángeles Fernández Recamales; Ana Sayago; Raúl González Domínguez; Rafael Beltrán.  
**DOI:** 10.3390/mol2net-02-03880
- 105** **Title of the work:** The combination of complementary metabolomic platforms to unravel Alzheimer's disease pathogenesis  
**Name of the conference:** International Conference on Multidisciplinary Sciences  
**Type of event:** Conference  
**Type of participation:** Participatory - others **Reasons for participation:** Open access  
**Date of event:** 25/12/2016  
**End date:** 25/01/2017  
**Organising entity:** MDPI AG  
Raúl González Domínguez.  
**DOI:** 10.3390/mol2net-02-02002
- 106** **Title of the work:** Application of a metabolomic multiplatform to investigate Alzheimer's disease pathogenesis  
**Name of the conference:** The 1st International Electronic Conference on Metabolomics  
**Type of event:** Conference  
**Type of participation:** Participatory - others **Reasons for participation:** Open access  
**Date of event:** 01/11/2016  
**End date:** 30/11/2016  
**Organising entity:** MDPI AG  
Raúl González Domínguez.  
**DOI:** 10.3390/iecm-1-A003
- 107** **Title of the work:** Metabolomic fingerprinting of serum samples by direct infusion mass spectrometry  
**Name of the conference:** The 1st International Electronic Conference on Metabolomics  
**Type of event:** Conference  
**Type of participation:** Participatory - others **Reasons for participation:** Open access  
**Date of event:** 01/11/2016  
**End date:** 30/11/2016  
**Organising entity:** MDPI AG  
Raúl González Domínguez.  
**DOI:** 10.3390/iecm-1-C001
- 108** **Title of the work:** Aprovechamiento de excedentes de fresas para la elaboración de bebidas fermentadas. Factibilidad enológica  
**Name of the conference:** XV Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Type of event:** Conference **Geographical area:** Regional  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Almería, Andalucía, Spain  
**Date of event:** 30/06/2016



**End date:** 01/07/2016

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Laura Guerra; Ángeles Fernández Recamales; Ana Sayago; Raúl González Domínguez; Rafael Beltrán. pp. 41 - 41. ISBN 978-84-16642-28-1

**109 Title of the work:** Caracterización sensorial y discriminación geográfica de aceites de oliva virgen extra de origen español

**Name of the conference:** XV Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** Regional

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Almería, Andalucía, Spain

**Date of event:** 30/06/2016

**End date:** 01/07/2016

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Ana Sayago; Ángeles Fernández Recamales; Raúl González Domínguez; Mercedes Becerra; María Beltrán; Rafael Beltrán. pp. 38 - 38. ISBN 978-84-16642-28-1

**110 Title of the work:** Desarrollo de herramientas metabolómicas y metalómicas para el estudio de la enfermedad de Alzheimer

**Name of the conference:** XV Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** Regional

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Upon invitation

**City of event:** Almería, Andalucía, Spain

**Date of event:** 30/06/2016

**End date:** 01/07/2016

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Raúl González Domínguez. pp. 15 - 15. ISBN 978-84-16642-28-1

**111 Title of the work:** Determinación de hidrocarburos en aceite de oliva virgen extra y su papel en la diferenciación geográfica

**Name of the conference:** XV Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** Regional

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Almería, Andalucía, Spain

**Date of event:** 30/06/2016

**End date:** 01/07/2016

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
María Dolores Malavé; Ana Sayago; Ángeles Fernández Recamales; Raúl González Domínguez; María Beltrán; Rafael Beltrán. pp. 60 - 60. ISBN 978-84-16642-28-1

**112 Title of the work:** Elaboración y caracterización de vinos de baja graduación alcohólica a partir de cremogenado de fresas

**Name of the conference:** XV Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** Regional

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Almería, Andalucía, Spain

**Date of event:** 30/06/2016



**End date:** 01/07/2016

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica

Ángeles Fernández Recamales; Ana Sayago; Raúl González Domínguez; Ikram Akhatou; Juan Carlos Santos Bermejo; Rafael Beltrán. pp. 42 - 42. ISBN 978-84-16642-28-1

**113 Title of the work:** Desarrollo de una plataforma metalo-metabólica bidimensional para el estudio del metabolismo de fosfolípidos en la enfermedad de Alzheimer

**Name of the conference:** XX Reunión de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Santiago de Compostela, Galicia, Spain

**Date of event:** 01/07/2015

**End date:** 03/07/2015

**Organising entity:** Sociedad Española de Química Analítica

Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza. pp. 193 - 193. ISBN 978-84-8408-867-7

**114 Title of the work:** Inter-element relations in the homeostasis of metals during the progression of Alzheimer disease

**Name of the conference:** European Winter Conference on Plasma Spectrochemistry 2015

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Münster, Germany

**Date of event:** 22/02/2015

**End date:** 26/02/2015

**Organising entity:** University of Münster

Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.

**115 Title of the work:** Estudio metabólico de la enfermedad de Alzheimer mediante espectrometría de masas de alta resolución

**Name of the conference:** XIV Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** Regional

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Baeza, Andalucía, Spain

**Date of event:** 26/06/2014

**End date:** 27/06/2014

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica

Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.

**116 Title of the work:** Study of phospholipids as biomarkers of Alzheimer's disease

**Name of the conference:** 3th International Congress on Analytical Proteomics

**Type of event:** Conference

**Geographical area:** Non EU International

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** San Pedro, Brazil

**Date of event:** 28/07/2013

**End date:** 31/07/2013

**Organising entity:** Universidade Estadual de Campinas

Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.



- 117 Title of the work:** Characterization of metals profile in serum samples during the progression of Alzheimer's disease  
**Name of the conference:** 4th International Symposium on Metallomics  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Oviedo, Asturias, Principado de, Spain  
**Date of event:** 08/07/2013  
**End date:** 11/07/2013  
**Organising entity:** Metallomics Society  
Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.
- 118 Title of the work:** Distribution of metal complexes of metallothionein isoforms in Mus musculus liver after cadmium exposure  
**Name of the conference:** 4th International Symposium on Metallomics  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Oviedo, Asturias, Principado de, Spain  
**Date of event:** 08/07/2013  
**End date:** 11/07/2013  
**Organising entity:** Metallomics Society  
Rocío Jara Biedma; Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.
- 119 Title of the work:** Integrated environmental metabolomics and metallomics to assess the effect of pollution on Procambarus clarkii in Doñana National Park  
**Name of the conference:** 4th International Symposium on Metallomics  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Oviedo, Asturias, Principado de, Spain  
**Date of event:** 08/07/2013  
**End date:** 11/07/2013  
**Organising entity:** Metallomics Society  
Amanda Gago Tinoco; Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.
- 120 Title of the work:** Metabolomic multiplatform based on direct infusion mass spectrometry for Alzheimer's disease diagnosis  
**Name of the conference:** 9th Annual International Conference of the Metabolomics Society  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**City of event:** Glasgow, United Kingdom  
**Date of event:** 01/07/2013  
**End date:** 04/07/2013  
**Organising entity:** Metabolomics Society  
Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.
- 121 Title of the work:** Metabolómica de alto rendimiento basada en espectrometría de masa con infusión directa para el estudio de la enfermedad de Alzheimer  
**Name of the conference:** VI Reunión de la Sociedad Española de Espectrometría de Masas  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Úbeda, Andalucía, Spain



**Date of event:** 18/06/2013

**End date:** 19/06/2013

**Organising entity:** Sociedad Española de Espectrometría de Masas  
Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.

- 122** **Title of the work:** Estudio metabólico del cáncer de pulmón mediante el análisis comparativo de distintas muestras biológicas  
**Name of the conference:** 46 Congreso Nacional SEPAR  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Barcelona, Cataluña, Spain  
**Date of event:** 14/06/2013  
**End date:** 17/06/2013  
**Organising entity:** Sociedad Española de Neumología y Cirugía Torácica **Type of entity:** Associations and Groups  
Eva Vázquez Gandullo; Rocío Castilla Quintero; Raúl González Domínguez; Jesús Grávalos Guzmán; Tamara García Barrera; José Luis Gómez Ariza; José Antonio Maldonado Pérez; Antonio José Ruiz Reina; Ricardo Ismael Aguilar Pérez-Grovas; María del Carmen Huertas Cifredo; Ruth Ayerbe García; Javier Fernández de Córdoba-Gamero; Antonio Pereira Vega. 49, pp. 144 - 144. ISSN 0300-2896
- 123** **Title of the work:** Assessment of pollution issues in Doñana National Park by the biological response of *P. clarkii*  
**Name of the conference:** 17th Pollutant Responses in Marine Organisms  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Faro, Portugal  
**Date of event:** 05/05/2013  
**End date:** 08/05/2013  
**Organising entity:** University of Algarve  
Amanda Gago Tinoco; Raúl González Domínguez; Tamara García Barrera; Julian Blasco Moreno; Maria Joao Bebianno; José Luis Gómez Ariza.
- 124** **Title of the work:** Biomarcadores de cáncer de pulmón en distintas muestras biológicas  
**Name of the conference:** XXXIX Congreso Neumosur  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Badajoz, Extremadura, Spain  
**Date of event:** 14/03/2013  
**End date:** 16/03/2013  
**Organising entity:** Asociación de Neumólogos del Sur. Neumosur **Type of entity:** Associations and Groups  
Eva Vázquez Gandullo; Rocío Castilla Quintero; Raúl González Domínguez; Jesús Grávalos Guzmán; Tamara García Barrera; José Luis Gómez Ariza; José Antonio Maldonado Pérez; Antonio Pereira Vega. 25, pp. 82 - 82. ISSN 1889-7347
- 125** **Title of the work:** Characterization of metallothioneins in mouse liver under cadmium exposure  
**Name of the conference:** European Winter Conference on Plasma Spectrochemistry 2013  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Cracovia, Poland  
**Date of event:** 10/02/2013  
**End date:** 15/02/2013



**Organising entity:** Jagiellonian University

Rocío Jara Biedma; Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza. pp. 362 - 362. ISBN 978-83-934442-3-6

**126 Title of the work:** Combination of metabolomics and metallomics in *P. clarkii* tissues to assess the pollution in Doñana National Park

**Name of the conference:** European Winter Conference on Plasma Spectrochemistry 2013

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Cracovia, Poland

**Date of event:** 10/02/2013

**End date:** 15/02/2013

**Organising entity:** Jagiellonian University

Amanda Gago Tinoco; Raúl González Domínguez; Tamara García Barrera; Julian Blasco Moreno; José Luis Gómez Ariza. pp. 361 - 361. ISBN 978-83-934442-3-6

**127 Title of the work:** Phosphorus-tagged metabolomics for analysis of phospholipids in Alzheimer's disease

**Name of the conference:** European Winter Conference on Plasma Spectrochemistry 2013

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Cracovia, Poland

**Date of event:** 10/02/2013

**End date:** 15/02/2013

**Organising entity:** Jagiellonian University

Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza. pp. 360 - 360. ISBN 978-83-934442-3-6

**128 Title of the work:** Mass spectrometry and shotgun metabolomics in Alzheimer's disease diagnosis

**Name of the conference:** Metabomeeting 2012

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Manchester, United Kingdom

**Date of event:** 25/09/2012

**End date:** 27/09/2012

**Organising entity:** Metabolic Profiling Forum

Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.

**129 Title of the work:** Lung cancer metabolomics in plasma, urine and bronchoalveolar lavage. A pilot study

**Name of the conference:** 22nd Annual Congress of the European Respiratory Society

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Viena, Austria

**Date of event:** 01/09/2012

**End date:** 05/09/2012

**Organising entity:** European Respiratory Society

Ricardo Ismael Aguilar Pérez-Grovas; Eva Vázquez Gandullo; Antonio José Ruiz Reina; Rocío Castilla Quintero; Raúl González Domínguez; Jesús Grávalos Guzmán; Tamara García Barrera; José Luis Gómez Ariza; José Antonio Maldonado Pérez; Antonio Pereira Vega. 40, pp. 784S - 784S. ISSN 0903-1936

**130 Title of the work:** Characterization of metal complexes with metallothioneins in the liver and kidney of *Mus musculus* under cadmium exposure

**Name of the conference:** 8th International Biometals Symposium



**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**City of event:** Bruselas, Belgium  
**Date of event:** 15/07/2012  
**End date:** 19/07/2012  
**Organising entity:** International Biometals Society  
Raúl González Domínguez; Rocío Jara Biedma; Tamara García Barrera; José Luis Gómez Ariza.

**Geographical area:** European Union  
**Reasons for participation:** Open access

**131 Title of the work:** Metabolomic study of free-living mouse *Mus spretus* from Doñana National Park under environmental stress

**Name of the conference:** 8th International Biometals Symposium  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**City of event:** Bruselas, Belgium  
**Date of event:** 15/07/2012  
**End date:** 19/07/2012  
**Organising entity:** International Biometals Society  
Miguel Ángel García Sevillano; Raúl González Domínguez; Francisco Navarro Roldán; Tamara García Barrera; José Luis Gómez Ariza.

**Geographical area:** European Union  
**Reasons for participation:** Open access

**132 Title of the work:** Metal interactions in mice under environmental stress

**Name of the conference:** 8th International Biometals Symposium  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Bruselas, Belgium  
**Date of event:** 15/07/2012  
**End date:** 19/07/2012  
**Organising entity:** International Biometals Society  
José Luis Gómez Ariza; Tamara García Barrera; Macarena González Fernández; Miguel Ángel García Sevillano; Rocío Jara Biedma; Raúl González Domínguez.

**Geographical area:** European Union  
**Reasons for participation:** Open access

**133 Title of the work:** Metals concentration and distribution in serum of Alzheimer's disease and mild cognitive impairment patients

**Name of the conference:** 8th International Biometals Symposium  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**City of event:** Bruselas, Belgium  
**Date of event:** 15/07/2012  
**End date:** 19/07/2012  
**Organising entity:** International Biometals Society  
Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.

**Geographical area:** European Union  
**Reasons for participation:** Open access

**134 Title of the work:** Phosphorus-tagged metallomic approach for quantitative and qualitative analysis of free nucleotides

**Name of the conference:** 8th International Biometals Symposium  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**City of event:** Bruselas, Belgium  
**Date of event:** 15/07/2012  
**End date:** 19/07/2012

**Geographical area:** European Union  
**Reasons for participation:** Open access



**Organising entity:** International Biometals Society  
Raúl González Domínguez; Rocío Castilla Quintero; Tamara García Barrera; José Luis Gómez Ariza.

**135 Title of the work:** Metabolomic and metallomic analysis of crab *Procambarus clarkii* to assess the pollution in Doñana National Park

**Name of the conference:** 7th International Franco-Spanish Workshop on Bio-Inorganic Analytical Chemistry

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access

**City of event:** Gijón, Asturias, Principado de, Spain

**Date of event:** 02/07/2012

**End date:** 03/07/2012

**Organising entity:** CNRS/University of Pau - University of Oviedo

Amanda Gago Tinoco; Raúl González Domínguez; Julian Blasco Moreno; Tamara García Barrera; José Luis Gómez Ariza.

**136 Title of the work:** Metabolomic study of the laboratory mouse *Mus musculus* subjected to controlled exposures to inorganic arsenic. Application to the free-living mouse *Mus spretus* from Doñana National Park under environmental stress

**Name of the conference:** 7th International Franco-Spanish Workshop on Bio-Inorganic Analytical Chemistry

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access

**City of event:** Gijón, Asturias, Principado de, Spain

**Date of event:** 02/07/2012

**End date:** 03/07/2012

**Organising entity:** CNRS/University of Pau - University of Oviedo

Miguel Ángel García Sevillano; Raúl González Domínguez; Macarena González Fernández; Tamara García Barrera; Francisco Navarro Roldán; José Luis Gómez Ariza.

**137 Title of the work:** Metabolomics and phosphorous-tagged metallo-metabolomics for phospholipids analysis in Alzheimer's disease

**Name of the conference:** 7th International Franco-Spanish Workshop on Bio-Inorganic Analytical Chemistry

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access

**City of event:** Gijón, Asturias, Principado de, Spain

**Date of event:** 02/07/2012

**End date:** 03/07/2012

**Organising entity:** CNRS/University of Pau - University of Oviedo

Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.

**138 Title of the work:** Cáncer de pulmón y metabólica. Estudio piloto

**Name of the conference:** 45 Congreso Nacional SEPAR

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Madrid, Madrid, Comunidad de, Spain

**Date of event:** 08/06/2012

**End date:** 11/06/2012

**Organising entity:** Sociedad Española de Neumología y Cirugía Torácica

**Type of entity:** Associations and Groups

Eva Vázquez Gandullo; Rocío Castilla Quintero; Raúl González Domínguez; Jesús Grávalos Guzmán; José Luis Gómez Ariza; José Antonio Maldonado Pérez; Michael Alwakil Olbah; Antonio José Ruiz Reina; Ricardo Ismael Aguilar Pérez-Grovas; Tamara García Barrera; Antonio Pereira Vega. 48, pp. 132 - 132. ISSN 0300-2896

**139 Title of the work:** Análisis metabólico del cangrejo *Procambarus clarkii* para evaluar la contaminación en el Parque Nacional de Doñana

**Name of the conference:** XIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** Regional

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Málaga, Andalucía, Spain

**Date of event:** 07/06/2012

**End date:** 08/06/2012

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Raúl González Domínguez; Amanda Gago Tinoco; Tamara García Barrera; José Luis Gómez Ariza.

**140 Title of the work:** Autenticación de jamón ibérico mediante el empleo de espectrometría de masas de alta resolución (QqQ-TOF-MS)

**Name of the conference:** XIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** Regional

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Málaga, Andalucía, Spain

**Date of event:** 07/06/2012

**End date:** 08/06/2012

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.

**141 Title of the work:** Caracterización de complejos metálicos de metalotioneínas en hígado y riñón de *Mus musculus* sometido a experiencias de exposición a cadmio

**Name of the conference:** XIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** Regional

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access

**City of event:** Málaga, Andalucía, Spain

**Date of event:** 07/06/2012

**End date:** 08/06/2012

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Raúl González Domínguez; Rocío Jara Biedma; Miguel Ángel García Sevillano; Macarena González Fernández; Tamara García Barrera; José Luis Gómez Ariza.

**142 Title of the work:** Estudio del metabolismo de las especies de arsénico en la orina tras la ingesta de ortiguillas (*Anemonia sulcata*) mediante HPLC-ICP-MS y HPLC-QqQ-MS

**Name of the conference:** XIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica

**Type of event:** Conference

**Geographical area:** Regional

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Málaga, Andalucía, Spain



**Date of event:** 07/06/2012

**End date:** 08/06/2012

**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Raúl González Domínguez; Manuel Contreras Acuña; Miguel Ángel García Sevillano; Tamara García Barrera; José Luis Gómez Ariza.

- 143 Title of the work:** Estudio metabólico del ratón de laboratorio Mus musculus sometido a exposiciones controladas a arsénico inorgánico. Aplicación al ratón de vida libre Mus spretus  
**Name of the conference:** XIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Type of event:** Conference **Geographical area:** Regional  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**City of event:** Málaga, Andalucía, Spain  
**Date of event:** 07/06/2012  
**End date:** 08/06/2012  
**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Miguel Ángel García Sevillano; Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.

- 144 Title of the work:** Metabólica y espectrometría de masas en el diagnóstico de la enfermedad de Alzheimer  
**Name of the conference:** XIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Type of event:** Conference **Geographical area:** Regional  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**City of event:** Málaga, Andalucía, Spain  
**Date of event:** 07/06/2012  
**End date:** 08/06/2012  
**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.

- 145 Title of the work:** Puesta a punto de un procedimiento para análisis metabólico en muestras de orina mediante espectrometría de masas con infusión directa  
**Name of the conference:** XIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Type of event:** Conference **Geographical area:** Regional  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Málaga, Andalucía, Spain  
**Date of event:** 07/06/2012  
**End date:** 08/06/2012  
**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Raúl González Domínguez; Rocío Castilla Quintero; Tamara García Barrera; José Luis Gómez Ariza.

- 146 Title of the work:** Cáncer de pulmón y metabólica. Estudio piloto  
**Name of the conference:** XXXVIII Congreso Neumosur  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**City of event:** Granada, Andalucía, Spain  
**Date of event:** 22/03/2012



**End date:** 24/03/2012

**Organising entity:** Asociación de Neumólogos del Sur. Neumosur

**Type of entity:** Associations and Groups

Eva Vázquez Gandullo; Rocío Castilla Quintero; Raúl González Domínguez; Jesús Grávalos Guzmán; Tamara García Barrera; José Luis Gómez Ariza; José Antonio Maldonado Pérez; Antonio Pereira Vega. 24, pp. 124 - 125. ISSN 1889-7347

**147 Title of the work:** Wine origin differentiation using UHPLC-QTOF MS and metabolomic approaches

**Name of the conference:** 5th International Symposium on Recent Advances in Food Analysis

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Praga, Czech Republic

**Date of event:** 01/11/2011

**End date:** 04/11/2011

**Organising entity:** Institute of Chemical Technology (Prague), Rikilt-Institute of Food Safety (Wageningen) Ramón Díaz San Pedro; Tatiana Zamora Zamora; Raúl González Domínguez; Ángel Castillo Tirado; Juan Vicente Sancho Llopis; Félix Hernández Hernández. pp. 150 - 150. ISBN 978-80-7080-795-8

**148 Title of the work:** Fast metabolomic approach to Alzheimer disease diagnosis based on high resolution mass spectrometry

**Name of the conference:** 5th Meeting on Chemistry & Life

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Brno, Czech Republic

**Date of event:** 14/09/2011

**End date:** 16/09/2011

**Organising entity:** Faculty of Chemistry, Brno University of Technology

Raúl González Domínguez; José Luis Gómez Ariza; Tamara García Barrera. 105, pp. S1012 - S1012. ISSN 0009-2770

**149 Title of the work:** Organotin speciation in packed fruit juices using GC-MS and HPLC-ICP-MS after preconcentration by hollow fibre microextraction

**Name of the conference:** European Winter Conference on Plasma Spectrochemistry 2011

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Zaragoza, Aragón, Spain

**Date of event:** 30/01/2011

**End date:** 04/02/2011

**Organising entity:** Universidad de Zaragoza

Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.

**150 Title of the work:** Comparative study of ESI-QqQ-TOF-MS and APPI-QqQ-TOF-MS for fast authentication of Iberian ham based on triglycerides profile

**Name of the conference:** VII Aegean Analytical Chemistry Days

**Type of event:** Conference

**Geographical area:** European Union

**Type of participation:** Participatory - poster

**Reasons for participation:** Open access

**City of event:** Mitilene, Greece

**Date of event:** 29/09/2010

**End date:** 03/10/2010

**Organising entity:** National and Kapodistrian University of Athens

Raúl González Domínguez; Ana Arias Borrero; Tamara García Barrera; José Luis Gómez Ariza.

- 151** **Title of the work:** Use of hollow fibre microextraction for organotin speciation in packed fruit juices using GC-MS and HPLC-ICP-MS  
**Name of the conference:** VII Aegean Analytical Chemistry Days  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Mitilene, Greece  
**Date of event:** 29/09/2010  
**End date:** 03/10/2010  
**Organising entity:** National and Kapodistrian University of Athens  
Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.
- 152** **Title of the work:** Estudio analítico de la presencia de compuestos volátiles orgánicos (VOCS) en atmósferas de trabajo de refinerías del grupo petroquímico Petroecuador  
**Name of the conference:** XII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Type of event:** Conference **Geographical area:** Regional  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Córdoba, Andalucía, Spain  
**Date of event:** 10/06/2010  
**End date:** 11/06/2010  
**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Amanda Gago Tinoco; Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.
- 153** **Title of the work:** Estudio analítico de la presencia de especies organoestánicas en zumos de consumo público  
**Name of the conference:** XII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Type of event:** Conference **Geographical area:** Regional  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Córdoba, Andalucía, Spain  
**Date of event:** 10/06/2010  
**End date:** 11/06/2010  
**Organising entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza.

## Science Outreach activities

- 1** **Title of the work:** Taller de reconocimiento de aromas básicos  
**Name of the event:** Semana de la Ciencia 2022  
**Type of event:** Fairs and exhibitions  
**City of event:** Huelva, Andalucía, Spain  
**Date of event:** 04/11/2025  
**Organising entity:** Universidad de Huelva **Type of entity:** University
- 2** **Title of the work:** Taller de Reconocimiento de Aromas Básicos  
**Name of the event:** European Researcher's Night 2025 (Noche Europea de los Investigadores 2025)  
**Type of event:** Fairs and exhibitions  
**City of event:** Huelva, Andalucía, Spain  
**Date of event:** 26/09/2025  
**Organising entity:** Fundación Descubre



- 3** **Title of the work:** Taller de Reconocimiento de Aromas Básicos  
**Name of the event:** European Researcher's Night 2024 (Noche Europea de los Investigadores 2024)  
**Type of event:** Fairs and exhibitions  
**City of event:** Huelva, Andalucía, Spain  
**Date of event:** 27/09/2024  
**Organising entity:** Fundación Descubre
- 4** **Title of the work:** Taller de Aromas y Cata de Vinos  
**Name of the event:** European Researcher's Night 2023 (Noche Europea de los Investigadores 2023)  
**Type of event:** Fairs and exhibitions  
**City of event:** Huelva, Andalucía, Spain  
**Date of event:** 29/09/2023  
**Organising entity:** Fundación Descubre
- 5** **Title of the work:** Taller "Tu nariz detecta millones de olores diferentes"  
**Name of the event:** Semana de la Ciencia 2022  
**Type of event:** Fairs and exhibitions  
**City of event:** Huelva, Andalucía, Spain  
**Date of event:** 10/11/2022  
**Organising entity:** Universidad de Huelva **Type of entity:** University
- 6** **Title of the work:** Taller "Tu nariz detecta millones de olores diferentes"  
**Name of the event:** Semana de la Ciencia 2022  
**Type of event:** Fairs and exhibitions  
**City of event:** Huelva, Andalucía, Spain  
**Date of event:** 08/11/2022  
**Organising entity:** Universidad de Huelva **Type of entity:** University
- 7** **Title of the work:** Taller de Aromas y Cata de Vinos  
**Name of the event:** European Researcher's Night 2022 (Noche Europea de los Investigadores 2022)  
**Type of event:** Fairs and exhibitions  
**City of event:** Huelva, Andalucía, Spain  
**Date of event:** 30/09/2022  
**Organising entity:** Fundación Descubre
- 8** **Title of the work:** Anti-aging 'superfoods' aren't enough. Try one of these healthy overall eating plans  
**Type of event:** Media interviews **Geographical area:** Non EU International  
**Reasons for participation:** Upon invitation  
**Date of event:** 17/12/2021  
**Organising entity:** The Washington Post  
Raúl González Domínguez. Available on-line at:  
<<https://www.washingtonpost.com/wellness/2021/12/17/food-plans-anti-aging-diet/>>. ISSN 0190-8286
- 9** **Title of the work:** ¿Cómo podemos entrenar el olfato para hacer una cata?  
**Type of event:** Scientific Dissemination Article  
**Date of event:** 07/12/2021  
**Organising entity:** The Conversation  
**Type:** Popular science article



Ángeles Fernández Recamales; Ana Sayago; María Santos Martín; Raúl González Domínguez. Available on-line at: <<https://theconversation.com/como-podemos-entrenar-el-olfato-para-hacer-una-cata-173046>>. ISSN 2201-5639

- 10** **Title of the work:** Taller "Tu nariz detecta millones de olores diferentes"  
**Name of the event:** Semana de la Ciencia 2021  
**Type of event:** Fairs and exhibitions  
**City of event:** Huelva, Andalucía, Spain  
**Date of event:** 09/11/2021  
**Organising entity:** Universidad de Huelva **Type of entity:** University
- 11** **Title of the work:** Taller de Aromas y Cata de Vinos  
**Name of the event:** European Researcher's Night 2021 (Noche Europea de los Investigadores 2021)  
**Type of event:** Fairs and exhibitions  
**City of event:** Huelva, Andalucía, Spain  
**Date of event:** 24/09/2021  
**Organising entity:** Fundación Descubre
- 12** **Title of the work:** Aplicación de técnicas espectroscópicas, cromatográficas y metabolómicas para la caracterización, autenticación y trazabilidad de la fresa  
**Name of the event:** Actualidad Analítica  
**Type of event:** Scientific Dissemination Article  
**Date of event:** 06/2021  
**Organising entity:** SOCIEDAD ESPAÑOLA DE QUIMICA ANALITICA  
**Type:** Popular science article  
Raúl González Domínguez; Ana Sayago; Ángeles Fernández Recamales. 74, pp. 49 - 51. ISSN 2444-8818
- 13** **Title of the work:** Elaboración de bebidas fermentadas a partir de frutos rojos  
**Type of event:** Scientific Dissemination Article  
**Date of event:** 04/05/2021  
**Organising entity:** Revista Alimentaria  
**Type:** Popular science article  
Elena Lobo; Raquel Cano; Raúl González Domínguez; Ana Sayago; Ángeles Fernández Recamales. 522, ISSN 0300-5755
- 14** **Title of the work:** Metabolómica: una herramienta clave en investigación biomédica  
**Name of the event:** Jornada de Divulgación Científica "Insulina, Nutrición y Salud"  
**Type of event:** Conferences given **Geographical area:** National  
**City of event:** Huelva, Spain  
**Date of event:** 25/03/2021  
**Organising entity:** Unidad de Cultura Científica de la Universidad de Huelva  
Raúl González Domínguez.
- 15** **Title of the work:** La huella dactilar del jamón ibérico: perfiles de ácidos grasos para autenticar el régimen de alimentación  
**Type of event:** Scientific Dissemination Article  
**Date of event:** 06/2020  
**Organising entity:** Eurocarne  
**Type:** Popular science article  
Raúl González Domínguez; Ana Sayago; Ángeles Fernández Recamales. 287, pp. 127 - 141.

- 16** **Title of the work:** Identifican los factores de cultivo que obtienen fresas con mejores propiedades y sabor  
**Name of the event:** Actualidad Científica  
**Type of event:** Media interviews **Geographical area:** Regional  
**Reasons for participation:** Upon invitation  
**Date of event:** 27/04/2020  
**Organising entity:** Fundación Andaluza para la Divulgación de la Innovación y el Conocimiento Raúl González Domínguez; Ana Sayago; Ikram Akhatou; Ángeles Fernández Recamales. Available on-line at: <<https://fundaciondescubre.es/noticias/identifican-los-factores-de-cultivo-que-obtienen-fresas-con-mejores-propiedades-y-sabor/>>.
- 17** **Title of the work:** Diseñan un método basado en inteligencia artificial para detectar fraudes en el jamón ibérico  
**Name of the event:** Actualidad Científica  
**Type of event:** Media interviews **Geographical area:** Regional  
**Reasons for participation:** Upon invitation  
**Date of event:** 30/03/2020  
**Organising entity:** Fundación Andaluza para la Divulgación de la Innovación y el Conocimiento Raúl González Domínguez; Ana Sayago; Ángeles Fernández Recamales. Available on-line at: <<https://fundaciondescubre.es/noticias/disenan-un-metodo-basado-en-inteligencia-artificial-para-detectar-fraudes-en-el-jamon-iberico/>>.
- 18** **Title of the work:** Abracadabra: El Poder Oculto de los Alimentos para Envejecer de Manera Saludable  
**Name of the event:** Fiesta de la Ciencia de Barcelona 2019 (Festa de la Ciència 2019)  
**Type of event:** Fairs and exhibitions  
**City of event:** Barcelona, Cataluña, Spain  
**Date of event:** 26/10/2019  
**Organising entity:** INSTITUTO DE CULTURA DE BARCELONA
- 19** **Title of the work:** Taller de Cata y Reconocimiento de Aromas Básicos  
**Name of the event:** European Researcher's Night 2019 (Noche Europea de los Investigadores 2019)  
**Type of event:** Fairs and exhibitions  
**City of event:** Huelva, Andalucía, Spain  
**Date of event:** 27/09/2019  
**Organising entity:** Fundación Descubre
- 20** **Title of the work:** Cook2Health: Providing personalized digital eating solution to motivate healthy dietary habits and prevent chronic diseases  
**Name of the event:** XI Jornada de Investigación de la Facultad de Farmacia y Ciencias de la Alimentación de la Universidad de Barcelona (XI Jornada de Recerca a la Facultat de Farmàcia i Ciències de l'Alimentació)  
**Type of event:** Fairs and exhibitions  
**City of event:** Barcelona, Cataluña, Spain  
**Date of event:** 17/10/2018  
**Organising entity:** Universitat de Barcelona **Type of entity:** University
- 21** **Title of the work:** Metabolomic study after a polyphenol rich-diet intervention in elderly population with intestinal permeability  
**Name of the event:** XI Jornada de Investigación de la Facultad de Farmacia y Ciencias de la Alimentación de la Universidad de Barcelona (XI Jornada de Recerca a la Facultat de Farmàcia i Ciències de l'Alimentació)  
**Type of event:** Fairs and exhibitions  
**City of event:** Barcelona, Cataluña, Spain



**Date of event:** 17/10/2018

**Organising entity:** Universitat de Barcelona

**Type of entity:** University

- 22** **Title of the work:** Taller de Cata y Reconocimiento de Aromas Básicos  
**Name of the event:** European Researcher's Night 2018 (Noche Europea de los Investigadores 2018)  
**Type of event:** Fairs and exhibitions  
**City of event:** Huelva, Andalucía, Spain  
**Date of event:** 28/09/2018  
**Organising entity:** Fundación Descubre
- 23** **Title of the work:** Refrescos azucarados y cafeína que alteran el funcionamiento de la insulina  
**Name of the event:** Actualidad Científica  
**Type of event:** Media interviews **Geographical area:** Regional  
**Reasons for participation:** Upon invitation  
**Date of event:** 24/07/2017  
**Organising entity:** Fundación Andaluza para la Divulgación de la Innovación y el Conocimiento  
Raúl González Domínguez; Rosa María Mateos; Alfonso María Lechuga Sancho; José Joaquín González Cortés; Manuel Corrales Cuevas; Juan Alberto Rojas Cots; Carmen Segundo; Mónica Schwarz. Available on-line at: <<https://fundaciondescubre.es/noticias/refrescos-azucarados-y-cafeina-que-alteran-el-funcionamiento-de-la-insulina/>>.
- 24** **Title of the work:** Un análisis de las 'huellas dactilares' del alzhéimer  
**Name of the event:** Actualidad Científica  
**Type of event:** Media interviews **Geographical area:** Regional  
**Reasons for participation:** Upon invitation  
**Date of event:** 10/02/2016  
**Organising entity:** Fundación Andaluza para la Divulgación de la Innovación y el Conocimiento  
Raúl González Domínguez; Francisco Javier Rupérez; Tamara García Barrera; Coral Barbas; José Luis Gómez Ariza. Available on-line at: <<https://fundaciondescubre.es/noticias/un-analisis-de-las-huellas-dactilares-del-alzheimer/>>.
- 25** **Title of the work:** Profiling Alzheimer's Disease Biomarkers in Blood Serum  
**Name of the event:** The Column  
**Type of event:** Media interviews **Geographical area:** Non EU International  
**Reasons for participation:** Upon invitation  
**Date of event:** 20/11/2014  
**Organising entity:** LCGC  
Raúl González Domínguez; Antonia García; Tamara García Barrera; Coral Barbas; José Luis Gómez Ariza. 10 - 21, Available on-line at: <<https://www.chromatographyonline.com/view/profiling-alzheimers-disease-biomarkers-blood-serum>>.
- 26** **Title of the work:** Convivencia de Divulgación Científica  
**Name of the event:** I Convocatoria del Premio de Introducción a la Investigación Científica Pi2  
**Type of event:** Fairs and exhibitions  
**City of event:** Huelva, Andalucía, Spain  
**Date of event:** 01/10/2012  
**Organising entity:** Universidad de Huelva **Type of entity:** University
- 27** **Title of the work:** Taller "Análisis Medioambiental y Bioanálisis"  
**Name of the event:** Semana de la Ciencia 2011  
**Type of event:** Fairs and exhibitions



**City of event:** Huelva, Andalucía, Spain

**Date of event:** 07/11/2011

**Organising entity:** Universidad de Huelva

**Type of entity:** University

## R&D management and participation in scientific committees

### Scientific, technical and/or assessment committees

- 1** **Committee title:** Comisión de Calidad y Ética  
**Affiliation entity:** Instituto de Investigación e Innovación Biomédica de Cádiz (INIBICA) **Type of entity:** Public Research Body  
**City affiliation entity:** Cádiz, Spain  
**Start-End date:** 01/03/2024 - 2025
- 2** **Committee title:** Comisión de Infraestructuras  
**Affiliation entity:** Instituto de Investigación e Innovación Biomédica de Cádiz (INIBICA) **Type of entity:** Public Research Body  
**City affiliation entity:** Cádiz, Spain  
**Start-End date:** 01/03/2024 - 2025
- 3** **Committee title:** Comité Científico Interno  
**Affiliation entity:** Instituto de Investigación e Innovación Biomédica de Cádiz (INIBICA) **Type of entity:** Public Research Body  
**City affiliation entity:** Cádiz, Spain  
**Start-End date:** 12/06/2023 - 2025
- 4** **Committee title:** Subcomisión "Human Resources Strategy for Researchers - HRS4R"  
**Affiliation entity:** Instituto de Investigación e Innovación Biomédica de Cádiz (INIBICA) **Type of entity:** Public Research Body  
**City affiliation entity:** Cádiz, Spain  
**Start-End date:** 10/03/2023 - 2025
- 5** **Committee title:** Panel de Evaluadores de la "Fundación Pública Andaluza Progreso y Salud"  
**Affiliation entity:** Consejería de Salud y Consumo **Type of entity:** Administrative Body of the National Health System  
**City affiliation entity:** Sevilla, Spain  
**Start-End date:** 2023 - 2025
- 6** **Committee title:** Banco de Expertos de la "Agencia Estatal de Investigación"  
**Affiliation entity:** Agencia Estatal de Investigación **Type of entity:** State agency  
**City affiliation entity:** Madrid, Spain  
**Start-End date:** 06/06/2021 - 2025
- 7** **Committee title:** COST Expert  
**Affiliation entity:** European Cooperation in Science and Technology (COST)  
**Start-End date:** 2018 - 2025
- 8** **Committee title:** Experto I+D+i DNV GL  
**Affiliation entity:** DNV GL  
**City affiliation entity:** Madrid, Spain



**Start-End date:** 01/04/2019 - 2024

- 9** **Committee title:** Consejo del "Centro de Investigación en Salud y Medioambiente - CYSMA"  
**Affiliation entity:** Universidad de Huelva **Type of entity:** University  
**City affiliation entity:** Huelva, Spain  
**Start-End date:** 24/11/2011 - 03/01/2015

## Organization of R&D activities

- 1** **Title of the activity:** The 2nd International Electronic Conference on Antioxidants (Scientific Committee)  
**Type of activity:** Scientific Conference **Geographical area:** Non EU International  
**Convening entity:** MDPI  
**Start-End date:** 07/04/2025 - 09/04/2025
- 2** **Title of the activity:** 18th International Conference of the Metabolomics Society (Local Organizing Committee)  
**Type of activity:** Scientific Conference **Geographical area:** Non EU International  
**Convening entity:** Metabolomics Society  
**City convening entity:** Valencia, Spain  
**Start-End date:** 19/06/2022 - 23/06/2022
- 3** **Title of the activity:** XI Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica - GRASEQA 2008 (Comité Organizador Local)  
**Type of activity:** Scientific Conference **Geographical area:** Regional  
**Convening entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**City convening entity:** Huelva, Spain  
**Start-End date:** 12/06/2008 - 13/06/2008
- 4** **Title of the activity:** 5th Franco-Spanish Workshop on Bio-Inorganic Analytical Chemistry (Local Organizing Committee)  
**Type of activity:** Scientific Conference **Geographical area:** European Union  
**Convening entity:** Universidad de Huelva **Type of entity:** University  
**City convening entity:** Huelva, Spain  
**Start-End date:** 08/06/2008 - 10/06/2008

## R&D management

- 1** **Name of the activity:** Contratos de Personal Técnico de I+D+i (PTA2024-024606-I) - Programa Estatal de Recursos Humanos (Agencia Estatal de Investigación)  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Supervisor - Principal Investigator  
**City of entity:** Cádiz, Andalucía, Spain  
**Entity:** Universidad de Cádiz **Type of entity:** University  
**Start date:** 01/01/2026 **Duration:** 3 years  
**Access system:** By competition  
**Average annual budget:** 18.700 **Nº of people:** 1  
**Geographical area:** National



- 2** **Name of the activity:** Contratos Predoctorales de Formación en Investigación en Salud (FI23/00125) - Acción Estratégica en Salud 2023 (Instituto de Salud Carlos III)  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Supervisor - Principal Investigator  
**City of entity:** Cádiz, Andalucía, Spain  
**Entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Start date:** 15/01/2024 **Duration:** 4 years  
**Access system:** By competition  
**Average annual budget:** 29.891,75 **Nº of people:** 1  
**Geographical area:** National
- 3** **Name of the activity:** Contratos Rio Hortega (CM23/00026) - Acción Estratégica en Salud 2023 (Instituto de Salud Carlos III)  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Supervisor - Principal Investigator  
**City of entity:** Cádiz, Andalucía, Spain  
**Entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Start date:** 01/01/2024 **Duration:** 2 years  
**Access system:** By competition  
**Average annual budget:** 32.500 **Nº of people:** 1  
**Geographical area:** National
- 4** **Name of the activity:** Contratos Jóvenes Investigadores "Programa Investigo" (CO01-2) - Plan de Recuperación, Transformación y Resiliencia (Consejería de Empleo, Formación y Trabajo Autónomo)  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Supervisor - Principal Investigator  
**City of entity:** Cádiz, Andalucía, Spain  
**Entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Start date:** 06/03/2023 **Duration:** 2 years  
**Access system:** By competition  
**Average annual budget:** 33.108,92 **Nº of people:** 1  
**Geographical area:** National
- 5** **Name of the activity:** Contratos Postdoctorales CSyF2021 (RH-0085-2021) - Consejería de Salud y Consumo  
**Type of management:** Management of R&D&I actions and projects  
**Performed tasks:** Supervisor - Principal Investigator  
**City of entity:** Cádiz, Andalucía, Spain  
**Entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Start date:** 09/05/2022 **Duration:** 1 year - 6 months  
**Access system:** By competition  
**Average annual budget:** 45.780 **Nº of people:** 1  
**Geographical area:** National



## Evaluation and revision of R&D projects and articles

- 1** **Name of the activity:** Editor for 16 articles  
**Performed tasks:** Article Editor  
**Entity where activity was carried out:** Frontiers in Molecular Biosciences  
**Start-End date:** 24/08/2020 - 24/02/2026
- 2** **Name of the activity:** Reviewer for 5 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Scientific Reports  
**Start-End date:** 27/04/2020 - 10/01/2026
- 3** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Food Science & Nutrition  
**Start-End date:** 29/12/2025 - 29/12/2025
- 4** **Name of the activity:** Editor for 10 articles  
**Performed tasks:** Article Editor  
**Entity where activity was carried out:** BMC Medicine  
**Start-End date:** 24/05/2023 - 19/12/2025
- 5** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Discover Oncology  
**Start-End date:** 17/12/2025 - 17/12/2025
- 6** **Name of the activity:** Reviewer for 2 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Analytical Chemistry  
**Start-End date:** 01/09/2025 - 07/11/2025
- 7** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Med  
**Start-End date:** 05/11/2025 - 05/11/2025
- 8** **Name of the activity:** Reviewer for 3 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** European Journal of Medical Research  
**Start-End date:** 19/08/2022 - 05/11/2025
- 9** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Frontiers in Microbiology  
**Start-End date:** 25/09/2025 - 25/09/2025



- 10** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** International Journal of Hygiene and Environmental Health  
**Start-End date:** 20/09/2025 - 20/09/2025
- 11** **Name of the activity:** Reviewer for 4 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Metabolomics  
**Start-End date:** 20/09/2023 - 14/07/2025
- 12** **Name of the activity:** Editor for 9 articles  
**Performed tasks:** Article Editor  
**Entity where activity was carried out:** Antioxidants  
**Start-End date:** 19/02/2023 - 30/06/2025
- 13** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** BMC Endocrine Disorders  
**Start-End date:** 19/06/2025 - 19/06/2025
- 14** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Cellular and Molecular Neurobiology  
**Start-End date:** 02/06/2025 - 02/06/2025
- 15** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Healthcare  
**Start-End date:** 14/05/2025 - 14/05/2025
- 16** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Journal of Trace Elements in Medicine and Biology  
**Start-End date:** 07/05/2025 - 07/05/2025
- 17** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Journal of the American Heart Association  
**Start-End date:** 16/03/2025 - 16/03/2025
- 18** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Cells  
**Start-End date:** 04/03/2025 - 04/03/2025
- 19** **Name of the activity:** Reviewer for 2 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Frontiers in Endocrinology  
**Start-End date:** 15/11/2023 - 04/03/2025



- 20 Name of the activity:** Reviewer for 3 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Food Research International  
**Start-End date:** 04/10/2022 - 22/02/2025
- 21 Name of the activity:** Reviewer for 3 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Environment International  
**Start-End date:** 26/08/2024 - 24/01/2025
- 22 Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Journal of Neuroinflammation  
**Start-End date:** 21/01/2025 - 21/01/2025
- 23 Name of the activity:** Reviewer for 2 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** International Journal of Obesity  
**Start-End date:** 02/05/2020 - 19/01/2025
- 24 Name of the activity:** Reviewer for 4 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Expert Review of Proteomics  
**Start-End date:** 10/11/2020 - 18/12/2024
- 25 Name of the activity:** Reviewer for 4 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Frontiers in Public Health  
**Start-End date:** 16/01/2023 - 13/12/2024
- 26 Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Environmental Pollution  
**Start-End date:** 30/11/2024 - 30/11/2024
- 27 Name of the activity:** Reviewer for 29 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Metabolites  
**Start-End date:** 02/02/2018 - 06/09/2024
- 28 Name of the activity:** Reviewer for 4 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** BMC Geriatrics  
**Start-End date:** 03/06/2023 - 25/02/2024
- 29 Name of the activity:** Appel à projets générique 2024 (AAPG 2024) / Scientific panel CE21 - Food and food systems  
**Performed tasks:** Project Evaluator  
**Entity where activity was carried out:** National Research Agency (ANR)      **Type of entity:** State agency  
**City of entity:** Paris, France



**Start-End date:** 2024 - 2024

- 30 Name of the activity:** Qatar University Collaborative Grants  
**Performed tasks:** Project Evaluator  
**Entity where activity was carried out:** Qatar University  
**City of entity:** Doha, Qatar  
**Start-End date:** 2024 - 2024
- 31 Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Journal of Molecular Neuroscience  
**Start-End date:** 23/12/2023 - 23/12/2023
- 32 Name of the activity:** Reviewer for 2 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Frontiers in Nutrition  
**Start-End date:** 26/10/2020 - 21/12/2023
- 33 Name of the activity:** Reviewer for 5 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Molecular Neurobiology  
**Start-End date:** 02/03/2019 - 05/12/2023
- 34 Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Frontiers in Molecular Biosciences  
**Start-End date:** 23/10/2023 - 23/10/2023
- 35 Name of the activity:** Reviewer for 3 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** npj Parkinson's Disease  
**Start-End date:** 20/01/2021 - 09/10/2023
- 36 Name of the activity:** Reviewer for 4 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Journal of Alzheimer's Disease  
**Start-End date:** 23/12/2018 - 25/08/2023
- 37 Name of the activity:** Reviewer for 2 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Frontiers in Aging Neuroscience  
**Start-End date:** 30/11/2022 - 16/08/2023
- 38 Name of the activity:** Reviewer for 2 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Journal of Clinical Medicine  
**Start-End date:** 13/07/2023 - 28/07/2023



- 39** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Analyst  
**Start-End date:** 13/07/2023 - 13/07/2023
- 40** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Clinical Interventions in Aging  
**Start-End date:** 11/06/2023 - 11/06/2023
- 41** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Talanta  
**Start-End date:** 09/06/2023 - 09/06/2023
- 42** **Name of the activity:** Reviewer for 4 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** BMC Medicine  
**Start-End date:** 20/07/2018 - 27/03/2023
- 43** **Name of the activity:** Reviewer for 2 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Alzheimer's Research & Therapy  
**Start-End date:** 11/09/2022 - 21/03/2023
- 44** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Biological Trace Element Research  
**Start-End date:** 04/02/2023 - 04/02/2023
- 45** **Name of the activity:** Reviewer for 8 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Nutrients  
**Start-End date:** 26/08/2020 - 10/01/2023
- 46** **Name of the activity:** Opportunity Funding Program 2023  
**Performed tasks:** Project Evaluator  
**Entity where activity was carried out:** King Abdullah University of Science and Technology  
**City of entity:** Thuwal, Saudi Arabia  
**Start-End date:** 2023 - 2023  
**Type of entity:** University
- 47** **Name of the activity:** Project Grants 2019  
**Performed tasks:** Project Evaluator  
**Entity where activity was carried out:** Neurological Foundation of New Zealand  
**City of entity:** Auckland, New Zealand  
**Start-End date:** 2023 - 2023  
**Type of entity:** Foundation



- 48** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Frontiers in Pharmacology  
**Start-End date:** 03/11/2022 - 03/11/2022
- 49** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Journal of Lipid Research  
**Start-End date:** 11/09/2022 - 11/09/2022
- 50** **Name of the activity:** Reviewer for 2 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Neurobiology of Disease  
**Start-End date:** 28/03/2022 - 06/06/2022
- 51** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Neural Regeneration Research  
**Start-End date:** 15/05/2022 - 15/05/2022
- 52** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Current Opinion in Food Science  
**Start-End date:** 22/02/2022 - 22/02/2022
- 53** **Name of the activity:** Editor for 19 articles  
**Performed tasks:** Article Editor  
**Entity where activity was carried out:** Foods  
**Start-End date:** 23/03/2019 - 24/08/2021
- 54** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Frontiers in Neurology  
**Start-End date:** 05/08/2021 - 05/08/2021
- 55** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Journal of Chromatography B  
**Start-End date:** 12/05/2021 - 12/05/2021
- 56** **Name of the activity:** Reviewer for 2 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Journal of Pharmaceutical Analysis  
**Start-End date:** 21/07/2020 - 12/05/2021
- 57** **Name of the activity:** Reviewer for 3 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Journal of Agricultural and Food Chemistry  
**Start-End date:** 10/10/2018 - 28/04/2021



- 58** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** International Journal of Molecular Sciences  
**Start-End date:** 13/04/2021 - 13/04/2021
- 59** **Name of the activity:** Reviewer for 2 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Journal of Proteome Research  
**Start-End date:** 07/01/2021 - 24/02/2021
- 60** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Pharmaceutics  
**Start-End date:** 09/02/2021 - 09/02/2021
- 61** **Name of the activity:** Reviewer for 4 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Applied Sciences  
**Start-End date:** 03/02/2019 - 15/11/2020
- 62** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** OncoTargets and Therapy  
**Start-End date:** 06/08/2020 - 06/08/2020
- 63** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** BMC Gastroenterology  
**Start-End date:** 02/06/2020 - 02/06/2020
- 64** **Name of the activity:** Reviewer for 20 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Molecules  
**Start-End date:** 24/08/2016 - 25/04/2020
- 65** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Food & Function  
**Start-End date:** 18/01/2020 - 18/01/2020
- 66** **Name of the activity:** Reviewer for 2 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Brain Research Bulletin  
**Start-End date:** 19/10/2019 - 17/01/2020
- 67** **Name of the activity:** Reviewer for 3 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** EBiomedicine  
**Start-End date:** 18/01/2016 - 19/10/2019



- 68** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Plants  
**Start-End date:** 08/09/2019 - 08/09/2019
- 69** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Chemico-Biological Interactions  
**Start-End date:** 18/05/2019 - 18/05/2019
- 70** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Marine Pollution Bulletin  
**Start-End date:** 13/09/2018 - 13/09/2018
- 71** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Horticulturae  
**Start-End date:** 15/08/2018 - 15/08/2018
- 72** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Foods  
**Start-End date:** 27/07/2018 - 27/07/2018
- 73** **Name of the activity:** Editor for 1 article  
**Performed tasks:** Article Editor  
**Entity where activity was carried out:** Current Topics in Medicinal Chemistry  
**Start-End date:** 22/06/2018 - 22/06/2018
- 74** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Trends in Analytical Chemistry  
**Start-End date:** 04/05/2018 - 04/05/2018
- 75** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Npj Molecular Phenomics  
**Start-End date:** 05/04/2018 - 05/04/2018
- 76** **Name of the activity:** Alzheimer's Society Research Programme  
**Performed tasks:** Project Evaluator  
**Entity where activity was carried out:** Alzheimer's Society **Type of entity:** Associations and Groups  
**City of entity:** London, United Kingdom  
**Start-End date:** 2018 - 2018
- 77** **Name of the activity:** Reviewer for 2 articles  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Electrophoresis  
**Start-End date:** 26/03/2017 - 01/11/2017



- 78** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** PLOS Medicine  
**Start-End date:** 04/08/2017 - 04/08/2017
- 79** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Analytical Methods  
**Start-End date:** 22/06/2017 - 22/06/2017
- 80** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** European Journal of Pharmaceutical Sciences  
**Start-End date:** 04/06/2017 - 04/06/2017
- 81** **Name of the activity:** Proyectos de Investigación Científica y Tecnológica (PICT)  
**Performed tasks:** Project Evaluator  
**Entity where activity was carried out:** Fondo para la Investigación Científica y Tecnológica (FONCYT) **Type of entity:** State agency  
**City of entity:** Godoy Cruz, Argentina  
**Start-End date:** 2017 - 2017
- 82** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Evidence-based Complementary and Alternative Medicine  
**Start-End date:** 05/12/2016 - 05/12/2016
- 83** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Food Control  
**Start-End date:** 24/08/2016 - 24/08/2016
- 84** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** BioMed Research International  
**Start-End date:** 22/08/2016 - 22/08/2016
- 85** **Name of the activity:** Reviewer for 1 article  
**Performed tasks:** Article Reviewer  
**Entity where activity was carried out:** Bioanalysis  
**Start-End date:** 29/05/2016 - 29/05/2016
- 86** **Name of the activity:** Fundamental Research Programme  
**Performed tasks:** Project Evaluator  
**Entity where activity was carried out:** Université de Mons **Type of entity:** University  
**City of entity:** Mons, Belgium  
**Start-End date:** 2016 - 2016

## Other achievements

### Stays in public or private R&D centres

- 1** **Entity:** Chalmers University of Technology  
**City of entity:** Gothenburg, Sweden  
**Start-End date:** 01/09/2025 - 30/11/2025  
**Goals of the stay:** Post-doctoral  
**Type of entity:** University  
**Duration:** 3 months
- 2** **Entity:** Chalmers University of Technology  
**City of entity:** Gothenburg, Sweden  
**Start-End date:** 01/04/2023 - 30/06/2023  
**Goals of the stay:** Post-doctoral  
**Type of entity:** University  
**Duration:** 3 months
- 3** **Entity:** Chalmers University of Technology  
**City of entity:** Gothenburg, Sweden  
**Start-End date:** 23/01/2022 - 24/04/2022  
**Goals of the stay:** Post-doctoral  
**Type of entity:** University  
**Duration:** 3 months
- 4** **Entity:** Universidad de Huelva  
**City of entity:** Huelva, Spain  
**Start-End date:** 25/10/2021 - 26/12/2021  
**Goals of the stay:** Post-doctoral  
**Type of entity:** University  
**Duration:** 2 months
- 5** **Entity:** Aberystwyth University  
**City of entity:** Aberystwyth, United Kingdom  
**Start-End date:** 01/03/2017 - 31/10/2017  
**Goals of the stay:** Post-doctoral  
**Provable tasks:** Collaboration within the framework of the European Project "Cook-2-Health"  
**Duration:** 8 months
- 6** **Entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**City of entity:** Cádiz, Spain  
**Start-End date:** 22/02/2016 - 20/03/2016  
**Goals of the stay:** Guest  
**Provable tasks:** Coordination of theoretical and practical teaching to professors from the University of Cádiz in the use of methodologies based on metabolomics and its application in Biomedical Research.  
**Duration:** 1 month
- 7** **Entity:** Bioscope Group  
**Faculty, institute or centre:** Universidade Nova de Lisboa  
**City of entity:** Lisboa, Portugal  
**Start-End date:** 01/09/2014 - 30/11/2014  
**Goals of the stay:** Doctorate  
**Funding entity:** Campus de Excelencia Internacional del Mar  
**Name of programme:** Convocatoria de Becas de Estancias Predoctorales en Europa para el Desarrollo de Proyectos de Investigación  
**Duration:** 3 months



- 8** **Entity:** Centro de Metabolómica y Bioanálisis (CEMBIO)  
**City of entity:** Madrid, Madrid, Comunidad de, Spain  
**Start-End date:** 10/01/2013 - 08/05/2013 **Duration:** 4 months  
**Funding entity:** Ministerio de Educación, Cultura y Deporte  
**Name of programme:** Ayudas para Estancias Breves FPU  
**Goals of the stay:** Doctorate
- 9** **Entity:** Departamento de Química Física y Analítica  
**Faculty, institute or centre:** Universidad de Oviedo  
**City of entity:** Oviedo, Asturias, Principado de, Spain  
**Start-End date:** 23/06/2012 - 01/07/2012 **Duration:** 9 days  
**Goals of the stay:** Doctorate  
**Provable tasks:** Development of analytical methodologies based on isotope dilution for quantification.
- 10** **Entity:** Instituto Universitario de Plaguicidas y Aguas (IUPA)  
**City of entity:** Castellón, Comunitat Valenciana, Spain  
**Start-End date:** 25/05/2011 - 22/06/2011 **Duration:** 1 month  
**Goals of the stay:** Doctorate

## Obtained grants and scholarships

- 1** **Name of the grant:** Miguel Servet  
**Aims:** Post-doctoral  
**Awarding entity:** Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**Amount of the grant:** 308.600 €  
**Conferral date:** 01/12/2021  
**End date:** 02/01/2027  
**Entity where activity was carried out:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Faculty, institute or centre:** Instituto de Investigación e Innovación Biomédica de Cádiz (INiBICA)
- 2** **Name of the grant:** Juan de la Cierva - Incorporación  
**Aims:** Post-doctoral  
**Awarding entity:** Ministerio de Ciencia e Innovación  
**Amount of the grant:** 93.000 €  
**Conferral date:** 10/11/2020  
**End date:** 19/10/2021  
**Entity where activity was carried out:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Farmacia
- 3** **Name of the grant:** Juan de la Cierva - Formación  
**Aims:** Post-doctoral  
**Awarding entity:** Ministerio de Economía, Industria y **Type of entity:** State agency Competitividad  
**Amount of the grant:** 50.000 €  
**Conferral date:** 28/11/2016  
**End date:** 23/08/2019  
**Entity where activity was carried out:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultat de Farmacia



- 4** **Name of the grant:** Formación de Personal Investigador (FPI)  
**Aims:** Pre-doctoral  
**Awarding entity:** Consejería de Economía, Innovación y Ciencia. Junta de Andalucía  
**Amount of the grant:** 107.923,68 €  
**Conferral date:** 04/01/2011 **Duration:** 1 year - 4 months  
**End date:** 30/04/2012  
**Entity where activity was carried out:** Universidad de Huelva  
**Faculty, institute or centre:** Facultad de Ciencias Experimentales
- 5** **Name of the grant:** "Beca de Colaboración en el Seguimiento y Evaluación de los Posgrados Desarrollados en el EEES durante el Curso Académico 2010/11"  
**Aims:** Teaching management  
**Awarding entity:** Universidad de Huelva **Type of entity:** University  
**Amount of the grant:** 3.330 €  
**Conferral date:** 20/09/2010  
**End date:** 15/06/2011  
**Entity where activity was carried out:** Universidad de Huelva  
**Faculty, institute or centre:** Facultad de Ciencias Experimentales
- 6** **Name of the grant:** Ayudas para la Movilidad de Personal Investigador Contratado en el Marco de la AES (MAES)  
**Aims:** Mobility  
**Awarding entity:** Instituto de Salud Carlos III **Type of entity:** Public Research Body  
**Amount of the grant:** 10.235 €  
**Conferral date:** 10/12/2025  
**Entity where activity was carried out:** Instituto de Investigación e Innovación Biomédica de Cádiz (INIBICA)
- 7** **Name of the grant:** Ayuda para Estancias de Movilidad en el Extranjero "José Castillejo" para Jóvenes Doctores (CAS24/00038)  
**Aims:** Mobility  
**Awarding entity:** Ministerio de Ciencia, Innovación y Universidades **Type of entity:** State agency  
**Amount of the grant:** 10.166 €  
**Conferral date:** 29/10/2025  
**Entity where activity was carried out:** Instituto de Investigación e Innovación Biomédica de Cádiz (INIBICA)
- 8** **Name of the grant:** Ayudas para Publicaciones Científicas en Revistas de Alto Impacto (PP2-009-2025 - Plan Propio INIBICA 2025)  
**Aims:** Publication  
**Awarding entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Amount of the grant:** 1.500 €  
**Conferral date:** 23/10/2025  
**Entity where activity was carried out:** Instituto de Investigación e Innovación Biomédica de Cádiz (INIBICA)
- 9** **Name of the grant:** Travel Grant from "Sociedad Española de Metabolómica"  
**Aims:** Travel Grant  
**Awarding entity:** Sociedad Española de Metabolómica **Type of entity:** Associations and Groups  
**Amount of the grant:** 500 €

**Conferral date:** 12/06/2025

- 10 Name of the grant:** Ayudas para la Capacitación de Personal Científico-Técnico (PP33-001-2025 - Plan Propio INIBICA 2025)  
**Aims:** Training  
**Awarding entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Amount of the grant:** 550 €  
**Conferral date:** 25/02/2025  
**Entity where activity was carried out:** Instituto de Investigación e Innovación Biomédica de Cádiz (INIBICA)
- 11 Name of the grant:** Ayudas para la Fidelización de Grupos Consolidados del INIBICA (PP25-1-1.06 - Plan Propio INIBICA 2025)  
**Aims:** Publication  
**Awarding entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Amount of the grant:** 25.000 €  
**Conferral date:** 31/01/2025  
**Entity where activity was carried out:** Instituto de Investigación e Innovación Biomédica de Cádiz (INIBICA)
- 12 Name of the grant:** Ayudas para Publicaciones Científicas en Revistas de Alto Impacto (PP2-001-2-2023 - Plan Propio INIBICA 2023, 2ª Convocatoria)  
**Aims:** Publication  
**Awarding entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Amount of the grant:** 1.500 €  
**Conferral date:** 09/11/2023  
**Entity where activity was carried out:** Instituto de Investigación e Innovación Biomédica de Cádiz (INIBICA)
- 13 Name of the grant:** Ayuda para Estancias de Movilidad en el Extranjero "José Castillejo" para Jóvenes Doctores (CAS22/00080)  
**Aims:** Mobility  
**Awarding entity:** Ministerio de Universidades      **Type of entity:** State agency  
**Amount of the grant:** 10.166 €  
**Conferral date:** 30/08/2023  
**Entity where activity was carried out:** Instituto de Investigación e Innovación Biomédica de Cádiz (INIBICA)
- 14 Name of the grant:** Ayudas para la Realización de Estancias Breves en Centros de Investigación Competitivos (PP31-002-2023 - Plan Propio INIBICA 2023)  
**Aims:** Mobility  
**Awarding entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Amount of the grant:** 4.000 €  
**Conferral date:** 02/03/2023  
**Entity where activity was carried out:** Instituto de Investigación e Innovación Biomédica de Cádiz (INIBICA)
- 15 Name of the grant:** Ayudas para Publicaciones Científicas en Revistas de Alto Impacto (PP2-004-2023 - Plan Propio INIBICA 2023)  
**Aims:** Publication  
**Awarding entity:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Amount of the grant:** 1.500 €



**Conferral date:** 27/02/2023

**Entity where activity was carried out:** Instituto de Investigación e Innovación Biomédica de Cádiz (INIbICA)

- 16** **Name of the grant:** Travel Grant from "Institut de Recerca en Nutrició i Seguretat Alimentària" (Universitat de Barcelona)  
**Aims:** Travel Grant  
**Awarding entity:** Institut de Recerca en Nutrició i Seguretat Alimentària (INSA) - Universitat de Barcelona  
**Type of entity:** University  
**Amount of the grant:** 263 €  
**Conferral date:** 10/05/2019
- 17** **Name of the grant:** Travel Grant from "Sociedad Española para el Estudio de la Obesidad"  
**Aims:** Travel Grant  
**Awarding entity:** Sociedad Española para el Estudio de la Obesidad  
**Type of entity:** Associations and Groups  
**Amount of the grant:** 150 €  
**Conferral date:** 10/02/2017
- 18** **Name of the grant:** Research Stay Grant (CEIMAR)  
**Aims:** Research Stay Grant  
**Awarding entity:** Campus de Excelencia Internacional del Mar (CEIMAR)  
**Amount of the grant:** 5.000 €  
**Conferral date:** 21/05/2014  
**Entity where activity was carried out:** Bioscope Group
- 19** **Name of the grant:** Research Stay Grant (Estancia Breve - FPU)  
**Aims:** Research Stay Grant  
**Awarding entity:** Ministerio de Educación, Cultura y Deporte  
**Type of entity:** State agency  
**Amount of the grant:** 3.090 €  
**Conferral date:** 18/12/2012  
**Entity where activity was carried out:** Centro de Metabolómica y Bioanálisis (CEMBIO)
- 20** **Name of the grant:** Formación del Profesorado Universitario - FPU (AP2010-4278)  
**Aims:** Pre-doctoral  
**Awarding entity:** Ministerio de Educación, Cultura y Deporte  
**Amount of the grant:** 71.218,56 €  
**Conferral date:** 29/03/2012  
**Duration:** 2 years - 8 months  
**Entity where activity was carried out:** Universidad de Huelva  
**Faculty, institute or centre:** Facultad de Ciencias Experimentales
- 21** **Name of the grant:** "Beca de Colaboración en Departamentos Universitarios"  
**Aims:** Initiation in research  
**Awarding entity:** MINISTERIO DE EDUCACION Y CIENCIA  
**Amount of the grant:** 2.700 €  
**Conferral date:** 12/05/2010  
**Duration:** 1 year  
**Entity where activity was carried out:** Universidad de Huelva  
**Faculty, institute or centre:** Facultad de Ciencias Experimentales



- 22 Name of the grant:** Intern Student (Alumno Interno)  
**Aims:** Initiation in research  
**Awarding entity:** Universidad de Huelva **Type of entity:** University  
**Conferral date:** 01/12/2008 **Duration:** 1 year  
**Entity where activity was carried out:** Universidad de Huelva  
**Faculty, institute or centre:** Facultad de Ciencias Experimentales

## Scientific societies and professional associations

- 1 Name of the society:** International Society to Advance Alzheimer's Research and Treatment (ISTAART)  
**Affiliation entity:** Alzheimer's Association **Type of entity:** Associations and Groups  
**Start date:** 15/10/2022
- 2 Name of the society:** American Society for Nutrition (ASN)  
**Start date:** 11/10/2022
- 3 Name of the society:** Sociedad Española de Metabolómica (SESMet)  
**Start date:** 2021
- 4 Name of the society:** Metabolomics Society  
**Start date:** 06/03/2019

## Editorial councils

- 1 Name of the editorial council:** Member of the Early Career Editorial Board for "Metabolites"  
**Affiliation entity:** Metabolites (ISSN 2218-1989)  
**Start date:** 2025
- 2 Name of the editorial council:** Member of the Editorial Board for "Antioxidants"  
**Affiliation entity:** Antioxidants (ISSN 2076-3921)  
**Start date:** 2024
- 3 Name of the editorial council:** Member of the Young Editorial Board for "Journal of Pharmaceutical Analysis"  
**Affiliation entity:** Journal of Pharmaceutical Analysis (ISSN 2095-1779)  
**Start date:** 2024
- 4 Name of the editorial council:** Guest Editor for the Special Issue "Disentangling the Complexity of Cardiometabolic Diseases through Omics Techniques"  
**Affiliation entity:** Antioxidants (ISSN 2076-3921)  
**City affiliation entity:** BaselBasel, Switzerland  
**Start date:** 2023
- 5 Name of the editorial council:** Member of the Editorial Board for "BMC Medicine"  
**Affiliation entity:** BMC Medicine (ISSN 1741-7015)  
**Start date:** 2023



- 6** **Name of the editorial council:** Guest Editor for the Special Issue "Food Authentication: Techniques, Trends and Emerging Approaches (Second Issue)"  
**Affiliation entity:** Foods (ISSN 2304-8158)  
**City affiliation entity:** BaselBasel, Switzerland  
**Start date:** 2020
- 7** **Name of the editorial council:** Member of the Reviewer Board for "Metabolites"  
**Affiliation entity:** Metabolites (ISSN 2218-1989)  
**City affiliation entity:** BaselBasel, Switzerland  
**Start date:** 2020
- 8** **Name of the editorial council:** Associate Editor for "Frontiers in Molecular Biosciences"  
**Affiliation entity:** Frontiers in Molecular Biosciences (ISSN 2296-889X)  
**City affiliation entity:** LausanneLausanne, Switzerland  
**Start date:** 2019
- 9** **Name of the editorial council:** Guest Editor for the Special Issue "Food Authentication: Techniques, Trends and Emerging Approaches"  
**Affiliation entity:** Foods (ISSN 2304-8158)  
**City affiliation entity:** BaselBasel, Switzerland  
**Start date:** 2019
- 10** **Name of the editorial council:** Guest Editor for the Special Issue "New experimental and computational tools for drug discovery: From chemistry to biology. Part 4. Metabolomics, Pharmacokinetics, and Medicinal Chemistry"  
**Affiliation entity:** Current Topics in Medicinal Chemistry (ISSN 1568-0266)  
**City affiliation entity:** SharjahSharjah, United Arab Emirates  
**Start date:** 2018

## Co-operation networks

- 1** **Name of the network:** Spanish Network in Maternal, Neonatal, Child and Developmental Health Research (RICORS- SAMID)  
**Participating entity/entities:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Start date:** 01/01/2025 **Duration:** 3 years
- 2** **Name of the network:** Campus de Excelencia Internacional del Mar  
**Identification of the network:** CEIMAR  
**Participating entity/entities:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Start date:** 15/11/2023
- 3** **Name of the network:** Red Andaluza de Ensayos Clínicos en Metabolismo (METAnetwork)  
**Identification of the network:** RIC-0539-2018  
**Participating entity/entities:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Start date:** 11/10/2023



- 4** **Name of the network:** COST Action "3Rs concepts to improve the quality of biomedical science (IMPROVE)"  
**Identification of the network:** CA21139  
**Participating entity/entities:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Start date:** 21/10/2022 **Duration:** 4 years
- 5** **Name of the network:** Red Española de Metabólica (MetaboRed)  
**Participating entity/entities:** FUNDACION PARA LA GESTION DE LA INVESTIGACION BIOMEDICA DE CADIZ  
**Start date:** 01/01/2020
- 6** **Name of the network:** Centro de Investigación Biomédica en Red de Fragilidad y Envejecimiento Saludable  
**Identification of the network:** CIBERfes  
**Participating entity/entities:** Universitat de Barcelona **Type of entity:** University  
**Start date:** 30/07/2018 **Duration:** 3 years - 7 months - 14 days
- 7** **Name of the network:** Instituto de Investigación en Nutrición y Seguridad Alimentaria (Institut de Recerca en Nutrició i Seguretat Alimentària)  
**Identification of the network:** INSA  
**Participating entity/entities:** Universitat de Barcelona  
**Start date:** 08/02/2018 **Duration:** 3 years - 8 months - 11 days
- 8** **Name of the network:** COST Action "Interindividual variation in response to consumption of plant food bioactives and determinants involved (POSITIVE)"  
**Identification of the network:** FA1403  
**Participating entity/entities:** Universitat de Barcelona  
**Start date:** 11/12/2014 **Duration:** 4 years
- 9** **Name of the network:** Centro de Investigación en Salud y Medioambiente  
**Identification of the network:** CYSMA  
**Participating entity/entities:** Universidad de Huelva  
**Start date:** 16/12/2010 **Duration:** 5 years - 5 months - 14 days
- 10** **Name of the network:** Campus de Excelencia Internacional del Mar  
**Identification of the network:** CEIMAR  
**Participating entity/entities:** Universidad de Huelva **Type of entity:** University  
**Start date:** 25/03/2010 **Duration:** 6 years - 2 months - 5 days
- 11** **Name of the network:** Campus de Excelencia Internacional en Agroalimentación  
**Identification of the network:** ceiA3  
**Participating entity/entities:** Universidad de Huelva **Type of entity:** University  
**Start date:** 25/03/2010

## Prizes, mentions and distinctions

- 1** **Description:** “World’s Top 2% Scientists” ranking (2025 edition)  
**Awarding entity:** Stanford University **Type of entity:** University  
**Conferral date:** 19/09/2025
- 2** **Description:** Metabolites 2024 Young Investigator Award  
**Awarding entity:** MDPI **Type of entity:** Editorial  
**City awarding entity:** Bassel, Switzerland  
**Conferral date:** 01/05/2025  
**Recognition linked:** 2000 CHF
- 3** **Description:** Premios a la investigación en Endocrinología Pediátrica y Crecimiento  
**Awarding entity:** Sociedad Española de Endocrinología Pediátrica (SEEP)  
**City awarding entity:** Madrid, Spain  
**Conferral date:** 07/04/2025  
**Recognition linked:** 1500 €
- 4** **Description:** “World’s Top 2% Scientists” ranking (2024 edition)  
**Awarding entity:** Stanford University **Type of entity:** University  
**Conferral date:** 16/09/2024
- 5** **Description:** “World’s Top 2% Scientists” ranking (2023 edition)  
**Awarding entity:** Stanford University **Type of entity:** University  
**Conferral date:** 04/10/2023
- 6** **Description:** Foods 2023 Young Investigator Award  
**Awarding entity:** MDPI **Type of entity:** Editorial  
**City awarding entity:** Bassel, Switzerland  
**Conferral date:** 01/08/2023  
**Recognition linked:** 2000 CHF
- 7** **Description:** 2024 BBA Molecular Basis of Disease Rising Star Award (finalist)  
**Awarding entity:** Elsevier  
**City awarding entity:** Amsterdam, Holland  
**Conferral date:** 2023
- 8** **Description:** Top Downloaded Article Molecular Nutrition & Food Research  
**Awarding entity:** Wiley  
**Conferral date:** 2023
- 9** **Description:** Webometrics Ranking of Spanish Researchers (2024 edition)  
**Awarding entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency  
**Conferral date:** 2023
- 10** **Description:** “World’s Top 2% Scientists” ranking (2022 edition)  
**Awarding entity:** Stanford University **Type of entity:** University  
**Conferral date:** 10/10/2022



- 11** **Description:** Premio FEXP 2021 al Trabajo de Excelencia de un Investigador Joven  
**Awarding entity:** Universidad de Huelva **Type of entity:** University  
**Conferral date:** 11/11/2021  
**Recognition linked:** 500 €
- 12** **Description:** “World’s Top 2% Scientists” ranking (2021 edition)  
**Awarding entity:** Stanford University **Type of entity:** University  
**Conferral date:** 19/10/2021
- 13** **Description:** 2021 Journal of Agricultural and Food Chemistry Research Article of the Year Award  
**Awarding entity:** American Chemical Society  
**Conferral date:** 2021  
**Recognition linked:** 1000 USD
- 14** **Description:** Top Cited Article 2019-2020 Molecular Nutrition & Food Research  
**Awarding entity:** Wiley  
**Conferral date:** 2021
- 15** **Description:** “World’s Top 2% Scientists” ranking (2020 edition)  
**Awarding entity:** Stanford University **Type of entity:** University  
**Conferral date:** 08/10/2020
- 16** **Description:** Top Downloaded Article 2017-2018 Electrophoresis  
**Awarding entity:** Wiley  
**Conferral date:** 2019
- 17** **Description:** Premio Tesis Doctoral AIQBE  
**Awarding entity:** Universidad de Huelva **Type of entity:** University  
**Conferral date:** 03/05/2017  
**Recognition linked:** 1800 €
- 18** **Description:** Premio Extraordinario de Doctorado  
**Awarding entity:** Universidad de Huelva **Type of entity:** University  
**Conferral date:** 06/02/2017
- 19** **Description:** Premio GRASEQA Jóvenes Investigadores 2016  
**Awarding entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**City awarding entity:** Andalucía, Spain  
**Conferral date:** 30/06/2016  
**Recognition linked:** 600 €
- 20** **Description:** Mejor póster presentado en la XIII Reunión del Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Awarding entity:** Grupo Regional Andaluz de la Sociedad Española de Química Analítica  
**Conferral date:** 08/06/2012
- 21** **Description:** Alumno 10C  
**Awarding entity:** Universidad de Huelva **Type of entity:** University  
**Conferral date:** 07/06/2011



- 22** **Description:** Premio Extraordinario Fin de Carrera  
**Awarding entity:** Universidad de Huelva **Type of entity:** University  
**Conferral date:** 03/03/2011

### Obtained accreditations/recognitions

- 1** **Description:** Certificado R3  
**Accrediting entity:** Agencia Estatal de Investigación **Type of entity:** State agency  
**Date of recognition:** 21/11/2023
- 2** **Description:** Profesor Titular de Universidad  
**Accrediting entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación  
**Date of recognition:** 02/07/2021
- 3** **Description:** Profesor Ayudante Doctor  
**Accrediting entity:** Dirección de Evaluación y Acreditación de la Agencia Andaluza del Conocimiento  
**Date of recognition:** 14/01/2016
- 4** **Description:** Profesor Ayudante Doctor  
**Accrediting entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación  
**Date of recognition:** 28/10/2015
- 5** **Description:** Profesor Contratado Doctor  
**Accrediting entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación  
**Date of recognition:** 28/10/2015