



Raúl González Domínguez

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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 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) under the "Miguel Servet" program. Currently, I am the Principal Investigator of the "Metabolomics & Bioanalysis" research group 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/cell lines, 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 106 JCR articles (27 D1, 71 Q1), 13 book chapters, and editor of 3 books. Active participation in scientific conferences (82/58 contributions in International/National conferences). Researcher in 19 International Projects (JPI-HDHL, EIT-Health, COST) and 29 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: 34; Total cites: 3508 (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-Health project. In the context of the Responsible Research and Innovation (RRI) initiative, I have also transferred my research to the overall society by participating in dissemination 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 9 research stays at national and international prestigious centers (e.g., Aberystwyth



University, Chalmers University of Technology, CEMBio). Because of this collaborative experience, I have coauthored 41 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 (55) 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 5 National Projects, 2 R&D contracts, and Management Committee Member of one COST Action (secured >600k €). 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. 400k €). Because of my expertise, I have been invited to be a speaker in scientific conferences, member of 9 editorial boards (BMC Med, JPA, Antioxidants), reviewer/editor for JCR journals (>150/>40), and project evaluator for competitive funding entities. Moreover, I am recipient of multiple prizes/mentions: BBA Rising Star 2024, Foods Young Investigator 2023, 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

- 106 JCR Articles. 27 D1 (13 as first/senior/corresponding author), 71 Q1 (37 as first/senior/corresponding author), 30 Q2 (25 as first/senior/corresponding author)
- 13 Book Chapters (author), 3 Books (editor)
- Publications as first author: 55, Publications as senior/corresponding author: 55
- Quality Indicators. h-index: 33/34 (WoS/Scopus); Total cites: 3234/3508 (WoS/Scopus)

R&D Projects and Contracts

- Researcher in 29 National Research Projects
 - Principal Investigator of 3 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: 19; Posters: 50; Electronic Communications: 13
- National conferences. Oral Communications: 13; Posters: 44; Web Communications: 1

Direction of Research Projects

- Doctoral Thesis: 2
- 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, Andalusia, Spain

Start date: 03/01/2022

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

Previous positions and activities

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

	Employing entity	Professional category	Start date
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, Andalusia, Spain
Professional category: Postdoctoral Researcher
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, Catalonia, 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, Catalonia, 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, Catalonia, 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, Catalonia, 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, Catalonia, 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: Collaborator Teacher

Leadership and management (Y/N): Yes

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, Andalusia, 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, Andalusia, 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, Andalusia, 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, Andalusia, 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, Andalusia, 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, Andalusia, 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:** 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
- 2 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
- 3 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
- 4 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
- 5 Training title:** Prevención de riesgos en puestos de laboratorio
Awarding entity: Quirón Prevención
End date: 06/06/2023 **Duration in hours:** 2 hours
- 6 Training title:** 1st Euro - Geroscience Conference
Awarding entity: Fundación GADEA
End date: 14/09/2019 **Duration in hours:** 16 hours
- 7 Training title:** Lipidomics Seminar
Awarding entity: AB Sciex
End date: 29/10/2018
- 8 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
- 9 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
- 10 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



- 11** **Type of training:** Course
Training title: Software de análisis bioestadístico multivariante y multi-ómico Mass Profiler Profesional
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: Agilent Technologies **Type of entity:** Business
End date: 15/05/2013 **Duration in hours:** 7 hours
- 12** **Type of training:** Course
Training title: Espectrometría de Masas
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: Universidad San Pablo CEU **Type of entity:** University
End date: 23/04/2013 **Duration in hours:** 12 hours
- 13** **Type of training:** Seminario
Training title: Biología Integrada
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: Agilent Technologies **Type of entity:** Business
End date: 14/03/2013
- 14** **Type of training:** Seminario
Training title: La metabolómica: una -ómica clave en la investigación biomédica
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: Agilent Technologies **Type of entity:** Business
End date: 19/06/2012
- 15** **Type of training:** Seminario
Training title: La metabolómica: una -ómica clave en la investigación biomédica
City awarding entity: Barcelona, Catalonia, Spain
Awarding entity: Agilent Technologies **Type of entity:** Business
End date: 13/12/2011
- 16** **Type of training:** Seminario
Training title: Avances en Química Instrumental
City awarding entity: Huelva, Andalusia, Spain
Awarding entity: Agilent Technologies **Type of entity:** Business
End date: 09/11/2011
- 17** **Type of training:** Course
Training title: Integración de conceptos y tecnologías modernas a la problemática del cáncer
City awarding entity: Huelva, Andalusia, Spain
Awarding entity: Universidad Internacional de Andalucía **Type of entity:** University
End date: 29/07/2011 **Duration in hours:** 20 hours
- 18** **Type of training:** Course
Training title: Outdoor Training - Habilidades Directivas
Awarding entity: Universidad de Huelva **Type of entity:** University
End date: 29/04/2011
- 19** **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

20 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

21 Type of training: Seminario

Training title: Foro Internacional de Proteínas. Salud, alimentos y medioambiente

City awarding entity: Huelva, Andalusia, 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: Facultat 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: Facultat 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: Facultat 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 **Type of entity:** University



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

10 **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: 2016 **End date:** 2017
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 54
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

11 **Type of teaching:** Official teaching
Name of the course: Química Analítica Instrumental
Type of programme: Grado **Type of teaching:** Laboratory work
Type of subject: Obligatory
University degree: Grado en Química
Course given: 2
Start date: 2013 **End date:** 2014
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 6
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

12 **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: 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

13 **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: 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 Vílchez 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 Vílchez Martín"
Subject language: Spanish

Experience supervising doctoral thesis and/or final year projects

- 1** **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, Andalusia, Spain
Student: Desta Gebremedhin Gebrehiwot
Date of reading: 2027
- 2** **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, Andalusia, Spain
Student: Lucía Jurado Sumariva
Date of reading: 2025
- 3** **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
- 4** **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
Student: Gloria Sayago Domínguez
Obtained qualification: 9.00
Date of reading: 25/07/2024

Type of entity: University

5 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

6 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

7 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

8 Project title: Determinación de ácido fólico 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

9 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

Type of entity: University

Student: María Celestino Landero

Obtained qualification: 8.60

Date of reading: 23/09/2022

10 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

Type of entity: University

Student: Adriana González González

Obtained qualification: 8.60



Date of reading: 23/09/2022

- 11** **Project title:** Caracterización de un modelo animal de obesidad, y cuantificación de las especies reactivas de oxígeno en sus hematíes
Type of project: Minor thesis
Co-director of thesis: Alfonso Lechuga Sancho
Entity: Universidad de Cádiz **Type of entity:** University
Student: Andrea Miguel Batuecas
Obtained qualification: 8.50
Date of reading: 22/06/2022
- 12** **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 **Type of entity:** University
Student: José Rodríguez Colchero
Obtained qualification: 8.10
Date of reading: 23/09/2021
- 13** **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^a Ángeles Fernández Recamales
Entity: Universidad de Huelva **Type of entity:** University
Student: María José Pichardo Cabrera
Obtained qualification: 9.30
Date of reading: 14/07/2021
- 14** **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 **Type of entity:** University
Student: Mónica Schwarz Rodríguez
Obtained qualification: 8.60
Date of reading: 08/07/2021
- 15** **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^a 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
- 16** **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



- 17** **Project title:** Tratamiento poscosecha de fresas
Type of project: End of course project
Co-director of thesis: M^a 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
- 18** **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
- 19** **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
- 20** **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^a Cristina Andrés Lacueva
Entity: Universitat de Barcelona **Type of entity:** University
Student: Gabriele Melegari
Date of reading: 30/07/2019
- 21** **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
- 22** **Project title:** Determinación cromatográfica de carotenoides en aceites
Type of project: End of course project
Co-director of thesis: M^a 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



- 23** **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^a 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
- 24** **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^a Cristina Andrés Lacueva
Entity: Universitat de Barcelona **Type of entity:** University
Student: Humaa Hasan
Date of reading: 14/12/2018
- 25** **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
- 26** **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^a Ángeles Fernández Recamales
Entity: Universidad de Huelva **Type of entity:** University
Student: Elena Lobo Beltrán
Obtained qualification: 10
Date of reading: 27/09/2018
- 27** **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^a 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
- 28** **Project title:** Potencial de la espectroscopía 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^a Ángeles Fernández Recamales
Entity: Universidad de Huelva **Type of entity:** University
Student: Rocío Martín Méndez
Obtained qualification: 10
Date of reading: 16/07/2018



- 29** **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
- 30** **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
- 31** **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
- 32** **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
- 33** **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^º Cristina Andrés Lacueva
Entity: Universitat de Barcelona **Type of entity:** University
Student: Marijose Apéstegui Guardia
Date of reading: 30/04/2018
- 34** **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 **Type of entity:** University
Student: Laura Ortega López
Obtained qualification: 9.70
Date of reading: 06/03/2018
- 35** **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

36 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

37 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

38 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

39 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

40 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

Student: Mauricio Lineros Rosa

Obtained qualification: 9.00

Date of reading: 19/07/2016

Type of entity: University



- 41** **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
- 42** **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
- 43** **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
- 44** **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
- 45** **Project title:** Determinación de compuestos volátiles en vinos naranja mediante SPME-CG-MS
Type of project: Minor thesis
Co-director of thesis: M^a 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
- 46** **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^a 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



- 47** **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
- 48** **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^a 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
- 49** **Project title:** Evaluación de las características cromáticas de vinagres andaluces
Type of project: Minor thesis
Co-director of thesis: M^a 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
- 50** **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^a 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
- 51** **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^a 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
- 52** **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^a 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



- 53** **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, Andalusia, 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:** Workshop
Name of the event: I Jornada INiBICA sobre Carrera Investigadora en el Sistema Sanitario Público de Andalucía
City organizing entity: Cádiz, Andalusia, 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:** Workshop
Name of the event: I Jornada de Presentación INiBICA, Ponencia: "Aproximaciones Metabólicas en Investigación Biomédica, Epidemiológica y Nutricional"
City organizing entity: Cádiz, Andalusia, 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, Andalusia, 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, Andalusia, 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: Workshop
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: Workshop
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

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

Organising entity: Universidad de Huelva

End date: 31/07/2018

Type of entity: University
- 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

End date: 19/12/2014

Type of entity: University
- 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

End date: 18/07/2013

Type of entity: University
- 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

End date: 30/06/2011

Type of entity: University

Scientific and technological experience

Research and development groups/teams

- 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
- 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
- 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:** 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 al Resultado 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 €
- 2** **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
- 3** **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 €

- 4** **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 €

- 5** **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: 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; 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 €

- 6** **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 €



- 7** **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, Catalonia, 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 €
- 8** **Name of the project:** Red de Ensayos Clínicos en Metabolismo: Diabetes, Obesidad y Dislipemia
Geographical area: National
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 €
- 9** **Name of the project:** Papel de los inflamasomas y la senescencia en el pronóstico y rechazo del trasplante renal
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: 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 €



- 10** **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, Catalonia, 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 €
- 11** **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 €
- 12** **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 €



- 13** **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 €
- 14** **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, Andalusia, 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 €
- 15** **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, Catalonia, 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 €



- 16** **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, Catalonia, 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 €
- 17** **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, Andalusia, 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: 10/21
Start-End date: 01/10/2021 - 30/09/2022
Total amount: 6.000 €
- 18** **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, Andalusia, 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 €



- 19** **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, Andalusia, 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 €
- 20** **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 €
- 21** **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, Andalusia, 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 €
- 22** **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 €

23 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 €

24 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, Catalonia, 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 €

25 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, Andalusia, 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 €

26 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 metabotypes 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, Catalonia, 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 €

27 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, Catalonia, 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 €

28 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, Catalonia, 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 €**29 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, Catalonia, 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 €**30 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, Catalonia, 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 €**31 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, Catalonia, 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 €

- 32 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, Catalonia, 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 €

- 33 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, Catalonia, 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 €

- 34 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

35 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, Andalusia, 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 €

36 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, Catalonia, 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 €

37 Name of the project: Alianza de Biomarcadores Nutricionales / The Food Biomarkers Alliance (FoodBALL)

Geographical area: European Union

Degree of contribution: Researcher

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

City of entity: Barcelona, Catalonia, 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 €



- 38** **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, Catalonia, 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 €
- 39** **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, Catalonia, 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, Community of Madrid, 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 €
- 40** **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, Catalonia, 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 €



- 41** **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, Andalusia, 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 €
- 42** **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, Andalusia, 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 €
- 43** **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, Andalusia, 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 €



- 44** **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 metabólicas
- Geographical area:** National
- Degree of contribution:** Researcher
- Entity where project took place:** Universidad de Huelva **Type of entity:** University
- City of entity:** Huelva, Andalusia, 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, Catalonia, 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 €
- 45** **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, Andalusia, 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 €
- 46** **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, Andalusia, 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 €

47 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, Andalusia, 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 €

48 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, Andalusia, 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, Andalusia, 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^a 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, Catalonia, 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, Catalonia, 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, Catalonia, Spain
Start date: 01/12/2019



Scientific and technological activities

Scientific production

- 1** **H index:** 33
Date of application: 22/02/2025
Source of H-Index: WOS
- 2** **H index:** 37
Date of application: 22/02/2025
Source of H-Index: GOOGLE SCHOLAR
- 3** **H index:** 34
Date of application: 22/02/2025
Source of H-Index: SCOPUS

Publications, scientific and technical documents

- 1** 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. Wolters Kluwer Medknow Publications, 2025. ISSN 1673-5374
Type of production: Scientific paper
Position of signature: 8
Total no. authors: 24
Impact source: ISI
Impact index in year of publication: 5.9
Position of publication: 34
Format: Journal
Corresponding author: No
Category: Science Edition - NEUROSCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 310
- 2** 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: ISI
Impact index in year of publication: 4.5
Position of publication: 42
Format: Journal
Corresponding author: No
Category: Science Edition - FOOD SCIENCE & TECHNOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 173

- 3** 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: ISI
Impact index in year of publication: 8.0
Position of publication: 14
Format: Journal
Corresponding author: Yes
Category: Science Edition - ENDOCRINOLOGY & METABOLISM
Journal in the top 25%: Yes
No. of journals in the cat.: 186
- 4** 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: ISI
Impact index in year of publication: 6.0
Position of publication: 7
Format: Journal
Corresponding author: No
Category: Science Edition - GERIATRICS & GERONTOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 74
- 5** 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: ISI
Impact index in year of publication: 4.3
Position of publication: 76
Format: Journal
Corresponding author: No
Category: Science Edition - NEUROSCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 310
- 6** 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.bbdis.2023.166910
PMID: 37802155
Type of production: Scientific paper
Position of signature: 2
Format: Journal



Total no. authors: 2
Impact source: ISI
Impact index in year of publication: 4.2
Position of publication: 12

Corresponding author: Yes
Category: Science Edition - BIOPHYSICS
Journal in the top 25%: Yes
No. of journals in the cat.: 77

- 7** Alvaro González Domínguez; Jesús Domínguez Riscart; Otto Savolainen; Alfonso Lechuga Sancho; Rikard Landberg; RAÚL GONZÁLEZ DOMÍNGUEZ. Identifying metabotypes 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: ISI

Impact index in year of publication: 8.5

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.: 186

- 8** 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

Impact source: ISI

Impact index in year of publication: 5.1

Position of publication: 63

Format: Journal

Corresponding author: No

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 313

- 9** 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: ISI

Impact index in year of publication: 4.6

Position of publication: 36

Format: Journal

Corresponding author: Yes

Category: Science Edition - ENDOCRINOLOGY & METABOLISM

Journal in the top 25%: Yes

No. of journals in the cat.: 186

- 10** 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

Format: Journal

Position of signature: 6

Total no. authors: 6

Corresponding author: Yes

Impact source: ISI

Category: Science Edition - ENDOCRINOLOGY & METABOLISM

Impact index in year of publication: 8.5

Journal in the top 25%: Yes

Position of publication: 11

No. of journals in the cat.: 186

- 11** 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

Format: Journal

Position of signature: 5

Total no. authors: 5

Corresponding author: Yes

Impact source: ISI

Category: Science Edition - CHEMISTRY, ANALYTICAL

Impact index in year of publication: 6.7

Journal in the top 25%: Yes

Position of publication: 6

No. of journals in the cat.: 106

- 12** 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: ISI

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

- 13** 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: ISI

Impact index in year of publication: 6.9

Position of publication: 17

Category: Science Edition - ENDOCRINOLOGY & METABOLISM

Journal in the top 25%: Yes

No. of journals in the cat.: 186

- 14** 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

Position of signature: 5

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 3.0

Position of publication: 114

Format: Journal

Corresponding author: Yes

Category: Science Edition - PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH

Journal in the top 25%: No

No. of journals in the cat.: 403

- 15** 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

Position of signature: 1

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 2.6

Position of publication: 85

Format: Journal

Corresponding author: Yes

Category: Science Edition - FOOD SCIENCE & TECHNOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 173

- 16** 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

Position of signature: 2

Total no. authors: 19

Impact source: ISI

Impact index in year of publication: 12.5

Position of publication: 3

Format: Journal

Corresponding author: No

Category: Science Edition - GERIATRICS & GERONTOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 74

- 17** 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

Position of signature: 5

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 4.8

Position of publication: 18

Format: Journal

Corresponding author: Yes

Category: Science Edition - NUTRITION & DIETETICS

Journal in the top 25%: Yes

No. of journals in the cat.: 114

- 18** 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-κB 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

Position of signature: 4

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 6.9

Position of publication: 15

Format: Journal

Corresponding author: No

Category: Science Edition - PHARMACOLOGY & PHARMACY

Journal in the top 25%: Yes

No. of journals in the cat.: 354

- 19** 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: ISI

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

- 20** 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: ISI

Impact index in year of publication: 5.0

Format: Journal

Corresponding author: Yes

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: Yes

**Position of publication:** 64**No. of journals in the cat.:** 313

- 21** 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**Format:** Journal**Position of signature:** 3**Total no. authors:** 7**Corresponding author:** Yes**Impact source:** ISI**Category:** Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY**Impact index in year of publication:** 5.8**Journal in the top 25%:** Yes**Position of publication:** 24**No. of journals in the cat.:** 174

- 22** 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**Format:** Journal**Position of signature:** 8**Total no. authors:** 15**Corresponding author:** No**Impact source:** ISI**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY**Impact index in year of publication:** 5.2**Journal in the top 25%:** Yes**Position of publication:** 34**No. of journals in the cat.:** 142

- 23** 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**Format:** Journal**Position of signature:** 6**Total no. authors:** 6**Corresponding author:** Yes**Impact source:** ISI**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY**Impact index in year of publication:** 7.0**Journal in the top 25%:** Yes**Position of publication:** 13**No. of journals in the cat.:** 142

- 24** 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**Format:** Journal

**Position of signature:** 1**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 5.2**Position of publication:** 34**Corresponding author:** Yes**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 142

- 25** 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**Format:** Journal**Position of signature:** 1**Total no. authors:** 18**Impact source:** ISI**Impact index in year of publication:** 9.0**Position of publication:** 13**Corresponding author:** Yes**Category:** Science Edition - CLINICAL NEUROLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 212

- 26** 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:** ISI**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

- 27** 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**Format:** Journal**Position of signature:** 3**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 4.6**Position of publication:** 63**Corresponding author:** No**Category:** Science Edition - CHEMISTRY, MULTIDISCIPLINARY**Journal in the top 25%:** No**No. of journals in the cat.:** 178



- 28** 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: ISI
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
- 29** 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: ISI
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
- 30** 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: ISI
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
- 31** 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
Format: Journal
Corresponding author: No

Impact source: ISI**Impact index in year of publication:** 6.1**Position of publication:** 15**Category:** Science Edition - NUTRITION & DIETETICS**Journal in the top 25%:** Yes**No. of journals in the cat.:** 88

- 32** 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:** ISI**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

- 33** 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:** ISI**Impact index in year of publication:** 7.0**Position of publication:** 13**Format:** Journal**Corresponding author:** No**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 142

- 34** 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**Position of signature:** 4**Total no. authors:** 15**Impact source:** ISI**Impact index in year of publication:** 8.1**Position of publication:** 10**Format:** Journal**Corresponding author:** No**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 142

35 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: ISI

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

36 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: ISI

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

37 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

Format: Journal

Position of signature: 7

Total no. authors: 12

Corresponding author: No

Impact source: ISI

Category: Science Edition - MULTIDISCIPLINARY SCIENCES

Impact index in year of publication: 4.996

Journal in the top 25%: No

Position of publication: 19

No. of journals in the cat.: 74

38 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

Format: Journal

**Position of signature:** 7**Total no. authors:** 16**Impact source:** ISI**Impact index in year of publication:** 7.643**Position of publication:** 13**Corresponding author:** No**Category:** Science Edition - NUTRITION & DIETETICS**Journal in the top 25%:** Yes**No. of journals in the cat.:** 90

- 39** 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 Petrásková; Lars Ove Dragsted; Mark Philo; Marynka Ulaszewska; Pedro Mena; RAÚL GONZÁLEZ DOMÍNGUEZ; Rocio Garcia Villalba; Senem Kamiloglu; Sonia de Pascual Teresa; Stephanie Durand; Wiesław Wiczowski; 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:** ISI**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

- 40** 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**Position of signature:** 9**Total no. authors:** 19**Impact source:** ISI**Impact index in year of publication:** 11.205**Position of publication:** 14**Format:** Journal**Corresponding author:** No**Category:** Science Edition - MEDICINE, RESEARCH & EXPERIMENTAL**Journal in the top 25%:** Yes**No. of journals in the cat.:** 139

- 41** 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**Position of signature:** 1**Total no. authors:** 17**Impact source:** ISI**Format:** Journal**Corresponding author:** Yes



Impact index in year of publication: 6.575
Position of publication: 21

Category: Science Edition - FOOD SCIENCE & TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 144

- 42** 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. *Biomedicines*. 9 - 3, pp. 298. MDPI, 2021. ISSN 2227-9059

DOI: 10.3390/biomedicines9030298

PMID: 33799385

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 4.757

Position of publication: 121

Format: Journal

Corresponding author: Yes

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 297

- 43** 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

Position of signature: 2

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 4.779

Position of publication: 9

Format: Journal

Corresponding author: No

Category: Science Edition - MATHEMATICAL & COMPUTATIONAL BIOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 57

- 44** 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: ISI

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

- 45** 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: ISI

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

- 46** 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: ISI

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

- 47** 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

Position of signature: 8

Total no. authors: 15

Impact source: ISI

Impact index in year of publication: 3.921

Position of publication: 6

Format: Journal

Corresponding author: No

Category: Social Sciences Edition - GERONTOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 36

- 48** Daniela Martini; Stefano Bernardi; Cristian del Bo'; 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

Position of signature: 10

Total no. authors: 16

Impact source: ISI

Impact index in year of publication: 5.717

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



- 49** 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
Position of signature: 3
Total no. authors: 11
Impact source: ISI
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
- 50** 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
Position of signature: 2
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 3.451
Position of publication: 14
Format: Journal
Corresponding author: No
Category: Science Edition - MATHEMATICAL & COMPUTATIONAL BIOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 58
- 51** 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
Position of signature: 1
Total no. authors: 3
Impact source: ISI
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
- 52** 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
Position of signature: 1
Total no. authors: 1
Impact source: ISI
Format: Journal
Corresponding author: Yes
Category: Science Edition - FOOD SCIENCE & TECHNOLOGY



Impact index in year of publication: 4.350
Position of publication: 37

Journal in the top 25%: No
No. of journals in the cat.: 143

- 53** 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

Position of signature: 1

Total no. authors: 12

Impact source: ISI

Impact index in year of publication: 5.279

Position of publication: 5

Format: Journal

Corresponding author: Yes

Category: Science Edition - AGRICULTURE, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 57

- 54** 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

Position of signature: 4

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 5.924

Position of publication: 67

Format: Journal

Corresponding author: No

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 295

- 55** 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: ISI

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

- 56** 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:** ISI**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

- 57** 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:** ISI**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

- 58** 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:** ISI**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

- 59** 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:** ISI**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



- 60** 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 **Format:** Journal
Position of signature: 1
Total no. authors: 4 **Corresponding author:** Yes
Impact source: ISI **Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY
Impact index in year of publication: 4.932 **Journal in the top 25%:** No
Position of publication: 94 **No. of journals in the cat.:** 295
- 61** 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 **Format:** Journal
Position of signature: 1 **Corresponding author:** Yes
Total no. authors: 4 **Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY
Impact source: ISI **Journal in the top 25%:** No
Impact index in year of publication: 4.350 **No. of journals in the cat.:** 143
Position of publication: 37
- 62** 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 **Format:** Journal
Position of signature: 2 **Corresponding author:** Yes
Total no. authors: 4 **Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY
Impact source: ISI **Journal in the top 25%:** Yes
Impact index in year of publication: 4.092 **No. of journals in the cat.:** 139
Position of publication: 27
- 63** 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 **Format:** Journal
Position of signature: 2 **Corresponding author:** Yes
Total no. authors: 4 **Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY
Impact source: ISI **Journal in the top 25%:** Yes
Impact index in year of publication: 4.006 **No. of journals in the cat.:** 139
Position of publication: 28



- 64** 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: ISI
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
- 65** Marynka Ulaszewska; Christoph Weinert; Alessia Trimigno; Reto Portmann; Cristina Andrés Lacueva; René Badertscher; Lorraine Brennan; Carl Brunius; Achim Bub; Francesco Capozzi; Marta Cialié Rosso; Chira Cordero; Hannelore Daniel; Stephanie Durand; Bjoern Egert; Paola Ferrario; Edith Feskens; Pietro Fransceschi; Mar García Aloy; Frank Giacomoni; Pieter Giesbertz; RAÚL GONZÁLEZ DOMÍNGUEZ; Kati Hanhineva; Lieselot Hemeryck; Joachim Kopka; Sabine Kulling; Rafael Lorach; 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: ISI
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
- 66** 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: ISI
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



- 67** 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: ISI
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
- 68** 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: ISI
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
- 69** 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: ISI
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
- 70** 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: ISI
Format: Journal
Corresponding author: Yes



Impact index in year of publication: 3.303
Position of publication: 126

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 299

- 71** 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 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. 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: ISI

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

- 72** 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

Impact source: ISI

Impact index in year of publication: 3.442

Position of publication: 20

Format: Journal

Corresponding author: Yes

Category: Science Edition - CHEMISTRY, MEDICINAL

Journal in the top 25%: No

No. of journals in the cat.: 61

- 73** 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

Position of signature: 1

Total no. authors: 1

Impact source: ISI

Impact index in year of publication: 2.321

Position of publication: 37

Format: Journal

Corresponding author: Yes

Category: Science Edition - CHEMISTRY, ANALYTICAL

Journal in the top 25%: No

No. of journals in the cat.: 84

- 74** 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**Position of signature:** 2**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 3.442**Position of publication:** 20**Format:** Journal**Corresponding author:** No**Category:** Science Edition - CHEMISTRY, MEDICINAL**Journal in the top 25%:** No**No. of journals in the cat.:** 61

- 75** 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**Position of signature:** 4**Total no. authors:** 11**Impact source:** ISI**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

- 76** 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**Position of signature:** 8**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 3.374**Position of publication:** 18**Format:** Journal**Corresponding author:** Yes**Category:** Science Edition - CHEMISTRY, MEDICINAL**Journal in the top 25%:** No**No. of journals in the cat.:** 59

- 77** 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:** ISI**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



- 78** 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 **Format:** Journal
Position of signature: 1
Total no. authors: 3 **Corresponding author:** Yes
Impact source: ISI **Category:** Science Edition - CHEMISTRY, ANALYTICAL
Impact index in year of publication: 2.478 **Journal in the top 25%:** No
Position of publication: 30 **No. of journals in the cat.:** 81
- 79** 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 **Format:** Journal
Position of signature: 1 **Corresponding author:** Yes
Total no. authors: 1
- 80** 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 **Format:** Journal
Position of signature: 1 **Corresponding author:** Yes
Total no. authors: 3 **Category:** Science Edition - CHEMISTRY, ANALYTICAL
Impact source: ISI **Journal in the top 25%:** No
Impact index in year of publication: 2.441 **No. of journals in the cat.:** 81
Position of publication: 32
- 81** 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 **Corresponding author:** Yes
Total no. authors: 8 **Category:** Science Edition - CHEMISTRY, ANALYTICAL
Impact source: ISI **Journal in the top 25%:** No
Impact index in year of publication: 2.569 **No. of journals in the cat.:** 81
Position of publication: 28
- 82** 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**Position of signature:** 1**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 3.146**Position of publication:** 8**Format:** Journal**Corresponding author:** Yes**Category:** Science Edition - MARINE & FRESHWATER BIOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 105

- 83** Ikram Akhatou; RAÚL GONZÁLEZ DOMÍNGUEZ; M^a 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**Position of signature:** 2**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 2.724**Position of publication:** 49**Format:** Journal**Corresponding author:** No**Category:** Science Edition - PLANT SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 212

- 84** 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**Position of signature:** 1**Total no. authors:** 1**Format:** Journal**Corresponding author:** Yes

- 85** 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:** ISI**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

- 86** 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**Format:** Journal

**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 4.035**Position of publication:** 9**Corresponding author:** No**Category:** Science Edition - CHEMISTRY, ANALYTICAL**Journal in the top 25%:** Yes**No. of journals in the cat.:** 75

- 87** 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:** ISI**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

- 88** 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:** ISI**Impact index in year of publication:** 3.017**Position of publication:** 121**Format:** Journal**Corresponding author:** No**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 289

- 89** 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**Position of signature:** 1**Total no. authors:** 4**Impact source:** ISI**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

- 90** 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

Impact source: ISI

Impact index in year of publication: 3.169

Position of publication: 14

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. 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

Position of signature: 1

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 2.829

Position of publication: 135

Format: Journal

Corresponding author: No

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 289

- 92** 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

Position of signature: 1

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 3.661

Position of publication: 40

Format: Journal

Corresponding author: No

Category: Science Edition - ENDOCRINOLOGY & METABOLISM

Journal in the top 25%: No

No. of journals in the cat.: 133

- 93** 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: ISI

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

- 94** 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

Format: Journal



Position of signature: 1

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 2.482

Position of publication: 26

Corresponding author: No

Category: Science Edition - CHEMISTRY, ANALYTICAL

Journal in the top 25%: No

No. of journals in the cat.: 75

- 95** 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: ISI

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

- 96** 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: ISI

Impact index in year of publication: 3.888

Position of publication: 16

Format: Journal

Corresponding author: No

Category: Science Edition - BIOCHEMICAL RESEARCH METHODS

Journal in the top 25%: Yes

No. of journals in the cat.: 79

- 97** 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

Position of signature: 1

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 2.219

Position of publication: 32

Format: Journal

Corresponding author: No

Category: Science Edition - CHEMISTRY, ANALYTICAL

Journal in the top 25%: No

No. of journals in the cat.: 74

- 98** 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

Impact source: ISI

Impact index in year of publication: 2.503

Position of publication: 162

Corresponding author: No

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 290

99 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

Position of signature: 2

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 2.828

Position of publication: 54

Format: Journal

Corresponding author: No

Category: Science Edition - ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 223

100 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

Position of signature: 1

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 3.028

Position of publication: 14

Impact source: ISI

Impact index in year of publication: 3.028

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.: 74

Category: Science Edition - CHEMISTRY, ANALYTICAL

Journal in the top 25%: Yes

No. of journals in the cat.: 74

101 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

Position of signature: 1

Total no. authors: 3

Impact source: ISI

Impact index in year of publication: 2.979

Position of publication: 16

Format: Journal

Corresponding author: No

Category: Science Edition - CHEMISTRY, ANALYTICAL

Journal in the top 25%: Yes

No. of journals in the cat.: 74



- 102** 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
Position of signature: 1
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 4.882
Position of publication: 54
Format: Journal
Corresponding author: No
Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 290
- 103** 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
Position of signature: 1
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 3.436
Position of publication: 13
Format: Journal
Corresponding author: No
Category: Science Edition - CHEMISTRY, ANALYTICAL
Journal in the top 25%: Yes
No. of journals in the cat.: 74
- 104** 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: ISI
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
- 105** 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: ISI
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



- 106** 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: ISI
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
- 107** 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*. Elsevier, 2025. ISBN 9780443191169
Type of production: Book chapter
Position of signature: 7
Total no. authors: 7
Format: Book
Corresponding author: Yes
- 108** 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
- 109** 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
Position of signature: 6
Total no. authors: 6
Format: Book
Corresponding author: Yes
- 110** 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
Position of signature: 5
Total no. authors: 5
Format: Book
Corresponding author: Yes



- 111** 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
- 112** 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
- 113** 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
- 114** 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
- 115** 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
- 116** 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
Position of signature: 1
Total no. authors: 9

Format: Book

Corresponding author: Yes

- 117** 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

- 118** 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

- 119** 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

- 120** 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

Total no. authors: 1

Degree of contribution: Editor or co-editor

- 121** 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

Total no. authors: 1

Degree of contribution: Editor or co-editor

Corresponding author: Yes

- 122** 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 submitted to national or international conferences

- 1** **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 **Geographical area:** National
Type of participation: 'Participatory - poster **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.
- 2** **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 **Geographical area:** National
Type of participation: 'Participatory - poster **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.
- 3** **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.
- 4** **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.

- 5** **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.
- 6** **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.
- 7** **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.
- 8** **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.

- 9** **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.
- 10** **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
- 11** **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.
- 12** **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.



- 13** **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
Type of participation: 'Participatory - poster
City of event: Huelva, Andalusia, 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.
- 14** **Title of the work:** Utilización de disolventes verdes para la valorización de biomasa (BIOGREEN)
Name of the conference: Transfiriendo UHU
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Huelva, Andalusia, 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.
- 15** **Title of the work:** Utilización de disolventes verdes para la valorización de residuos agrícolas
Name of the conference: Transfiriendo UHU
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Huelva, Andalusia, Spain
Date of event: 20/04/2023
End date: 20/04/2023
Organising entity: Universidad de Huelva
Type of entity: University
María Santos Martín; Raúl González Domínguez; Amanda Haro; Juan Urbano; Ángeles Fernández Recamales; Ana Sayago.
- 16** **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
Type of participation: 'Participatory - poster
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.
- 17** **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
Type of participation: 'Participatory - poster
City of event: Sevilla, Andalusia, Spain
Date of event: 06/10/2022
Geographical area: National
Reasons for participation: Open access



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

- 18** **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, Andalusia, 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
- 19** **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, Andalusia, 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
- 20** **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, Andalusia, 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
- 21** **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, Andalusia, 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

22 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, Andalusia, 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

23 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, Andalusia, 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

24 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

25 Title of the work: Aplicación de Técnicas Metabolómicas 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, Principality of Asturias, 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.

26 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, Principality of Asturias, 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.

27 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, Principality of Asturias, 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.

28 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, Principality of Asturias, 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.

29 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.

- 30** **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.
- 31** **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, Principality of Asturias, 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
- 32** **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.
- 33** **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.



- 34** **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.
- 35** **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.
- 36** **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 **Geographical area:** National
Type of participation: Participatory - others **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)
Raúl González Domínguez; Cristina Andrés Lacueva.
- 37** **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
- 38** **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

Type of participation: 'Participatory - poster

Date of event: 18/10/2021

End date: 21/10/2021

Organising entity: Metabolomics Association of North America

Raúl González Domínguez; Cristina Andrés Lacueva.

Geographical area: Non EU International

Reasons for participation: Open access

- 39 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.

- 40 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.

- 41 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.

- 42 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.

- 43** **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.
- 44** **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.
- 45** **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.
- 46** **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.
- 47** **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

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.

Reasons for participation: Open access

48 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

Type of participation: Participatory - oral communication

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.

Geographical area: Non EU International

Reasons for participation: Open access

49 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

Type of participation: Participatory - oral communication

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.

Geographical area: Non EU International

Reasons for participation: Open access

50 Title of the work: A novel multi-targeted quantitative approach for nutrimentalomics research

Name of the conference: Metabomeeting 2020

Type of event: Conference

Type of participation: 'Participatory - poster

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.

Geographical area: European Union

Reasons for participation: Open access

51 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

Type of participation: 'Participatory - poster

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.

Geographical area: European Union

Reasons for participation: Open access



- 52** **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.
- 53** **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.
- 54** **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.
- 55** **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.
- 56** **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

57 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.

58 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

59 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.

60 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.

- 61** **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
- 62** **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; María 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.
- 63** **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.
- 64** **Title of the work:** Quantitative Dietary Fingerprinting (QDF) – A novel tool for comprehensive dietary assessment based on urinary nutrimetabolomics
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.

- 65** **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.
- 66** **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
- 67** **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.
- 68** **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

Type of participation: 'Participatory - poster

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.

Geographical area: European Union

Reasons for participation: Open access

69 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

70 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

71 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

72 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.



- 73** **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.
- 74** **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
- 75** **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 **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
Raúl González Domínguez; Álvaro González Domínguez; Ana Sayago; Alfonso María Lechuga Sancho; Ángeles Fernández Recamales. pp. 61 - 61. ISBN 978-84-17293-62-8
- 76** **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

- 77** **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
- 78** **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 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.
- 79** **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
- 80** **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, Catalonia, 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

- 81** **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, Catalonia, 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

- 82** **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.

- 83** **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
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.
DOI: 10.3390/iecm-2-04982

- 84** **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

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.

85 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, Andalusia, 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

86 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, Andalusia, 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

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

87 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

88 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

89 Title of the work: Development and optimization of athermal 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

90 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

91 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

92 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



- 93** **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
- 94** **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
- 95** **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, Andalusia, 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
- 96** **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, Andalusia, 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
- 97** **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

City of event: Almería, Andalusia, 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

Reasons for participation: Upon invitation

- 98** **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
Type of participation: 'Participatory - poster
City of event: Almería, Andalusia, 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
- 99** **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
Type of participation: 'Participatory - poster
City of event: Almería, Andalusia, 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
- 100** **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
Type of participation: 'Participatory - poster
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
- 101** **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
Type of participation: 'Participatory - poster
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.

- 102** **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, Andalusia, 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.
- 103** **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.
- 104** **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, Principality of Asturias, 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.
- 105** **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, Principality of Asturias, 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.



- 106** **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, Principality of Asturias, 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.
- 107** **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.
- 108** **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, Andalusia, 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.
- 109** **Title of the work:** Estudio metabolómico 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, Catalonia, 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
- 110** **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

Type of participation: 'Participatory - poster

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.

Geographical area: European Union

Reasons for participation: Open access

111 Title of the work: Biomarcadores de cáncer de pulmón en distintas muestras biológicas

Name of the conference: XXXIX Congreso Neumosur

Type of event: Conference

Type of participation: 'Participatory - poster

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

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

Geographical area: National

Reasons for participation: Open access

Type of entity: Associations and Groups

112 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

Type of participation: 'Participatory - poster

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

Geographical area: European Union

Reasons for participation: Open access

113 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

Type of participation: 'Participatory - poster

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

Geographical area: European Union

Reasons for participation: Open access

114 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

Type of participation: 'Participatory - poster

City of event: Cracovia, Poland

Date of event: 10/02/2013

End date: 15/02/2013

Geographical area: European Union

Reasons for participation: Open access



Organising entity: Jagiellonian University

Raúl González Domínguez; Tamara García Barrera; José Luis Gómez Ariza. pp. 360 - 360. ISBN 978-83-934442-3-6

- 115** **Title of the work:** Mass spectrometry and shotgun metabolomics in Alzheimer's disease diagnosis
Name of the conference: Metabomeeting 2012
Type of event: Conference
Type of participation: 'Participatory - poster
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.
Geographical area: European Union
Reasons for participation: Open access
- 116** **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
Type of participation: 'Participatory - poster
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
Geographical area: European Union
Reasons for participation: Open access
- 117** **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
- 118** **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



- 119 Title of the work:** Metal interactions in mice under environmental stress
Name of the conference: 8th International Biometals Symposium
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication **Reasons for participation:** Open access
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.
- 120 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 **Geographical area:** European Union
Type of participation: 'Participatory - poster **Reasons for participation:** Open access
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.
- 121 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 **Geographical area:** European Union
Type of participation: 'Participatory - poster **Reasons for participation:** Open access
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 Castilla Quintero; Tamara García Barrera; José Luis Gómez Ariza.
- 122 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, Principality of Asturias, 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.
- 123 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, Principality of Asturias, 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.

124 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, Principality of Asturias, 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.

125 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, Community of Madrid, 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

126 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, Andalusia, 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.



- 127** **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, Andalusia, 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.
- 128** **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, Andalusia, 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.
- 129** **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, Andalusia, 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.
- 130** **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, Andalusia, 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.



- 131 Title of the work:** Metabolómica 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, Andalusia, 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.
- 132 Title of the work:** Puesta a punto de un procedimiento para análisis metabolómico 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, Andalusia, 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.
- 133 Title of the work:** Cáncer de pulmón y metabolómica. 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, Andalusia, 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
- 134 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



- 135** **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
- 136** **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, Aragon, 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.
- 137** **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.
- 138** **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.
- 139** **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, Andalusia, 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.

- 140 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, Andalusia, 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 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, Andalusia, Spain
Date of event: 29/09/2023
Organising entity: Fundación Descubre
- 2 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, Andalusia, Spain
Date of event: 10/11/2022
Organising entity: Universidad de Huelva **Type of entity:** University
- 3 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, Andalusia, Spain
Date of event: 08/11/2022
Organising entity: Universidad de Huelva **Type of entity:** University
- 4 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, Andalusia, Spain
Date of event: 30/09/2022
Organising entity: Fundación Descubre
- 5 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

6 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

7 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, Andalusia, Spain

Date of event: 09/11/2021

Organising entity: Universidad de Huelva

Type of entity: University

8 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, Andalusia, Spain

Date of event: 24/09/2021

Organising entity: Fundación Descubre

9 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

10 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

11 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.

- 12** **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.
- 13** **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/>>.
- 14** **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/>>.
- 15** **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, Catalonia, Spain
Date of event: 26/10/2019
Organising entity: INSTITUTO DE CULTURA DE BARCELONA
- 16** **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, Andalusia, Spain
Date of event: 27/09/2019
Organising entity: Fundación Descubre
- 17** **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, Catalonia, Spain



Date of event: 17/10/2018

Organising entity: Universitat de Barcelona

Type of entity: University

- 18** **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, Catalonia, Spain
Date of event: 17/10/2018
Organising entity: Universitat de Barcelona **Type of entity:** University
- 19** **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, Andalusia, Spain
Date of event: 28/09/2018
Organising entity: Fundación Descubre
- 20** **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/>>.
- 21** **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/>>.
- 22** **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>>.

- 23** **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, Andalusia, Spain
Date of event: 01/10/2012
Organising entity: Universidad de Huelva **Type of entity:** University
- 24** **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, Andalusia, 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:** 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
- 2** **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
- 3** **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 Predoctorales de Formación en Investigación en Salud - PFIS (Acción Estratégica en Salud 2023 - Instituto de Salud Carlos III)
Type of management: Management of R&D&I actions and projects
City of entity: Cádiz, Andalusia, 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
- 2** **Name of the activity:** Contratos Rio Hortega (Acción Estratégica en Salud 2023 - Instituto de Salud Carlos III)
Type of management: Management of R&D&I actions and projects
City of entity: Cádiz, Andalusia, 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
- 3** **Name of the activity:** Contratos Jóvenes Investigadores "Programa Investigo" (Plan de Recuperación, Transformación y Resiliencia)
Type of management: Management of R&D&I actions and projects
City of entity: Cádiz, Andalusia, 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
- 4** **Name of the activity:** Contratos Postdoctorales CSyF2021 (Fundación Progreso y Salud)
Type of management: Management of R&D&I actions and projects
City of entity: Cádiz, Andalusia, 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:** 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
- 2** **Name of the activity:** Editor for 3 articles
Performed tasks: Article Editor
Entity where activity was carried out: Antioxidants
Start-End date: 19/02/2023 - 23/01/2025
- 3** **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
- 4** **Name of the activity:** Reviewer for 3 articles
Performed tasks: Article Reviewer
Entity where activity was carried out: Metabolomics
Start-End date: 20/09/2023 - 19/01/2025
- 5** **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
- 6** **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
- 7** **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
- 8** **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
- 9** **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



- 10 Name of the activity:** Editor for 6 articles
Performed tasks: Article Editor
Entity where activity was carried out: BMC Medicine
Start-End date: 24/05/2023 - 09/08/2024
- 11 Name of the activity:** Editor for 11 articles
Performed tasks: Article Editor
Entity where activity was carried out: Frontiers in Molecular Biosciences
Start-End date: 24/08/2020 - 03/04/2024
- 12 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
- 13 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
- 14 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
- 15 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
- 16 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
- 17 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
- 18 Name of the activity:** Reviewer for 1 article
Performed tasks: Article Reviewer
Entity where activity was carried out: Frontiers in Endocrinology
Start-End date: 15/11/2023 - 15/11/2023



- 19** **Name of the activity:** Reviewer for 3 articles
Performed tasks: Article Reviewer
Entity where activity was carried out: Scientific Reports
Start-End date: 27/04/2020 - 12/11/2023
- 20** **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
- 21** **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
- 22** **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
- 23** **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
- 24** **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
- 25** **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
- 26** **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
- 27** **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
- 28** **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



- 29** **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
- 30** **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
- 31** **Name of the activity:** Reviewer for 2 articles
Performed tasks: Article Reviewer
Entity where activity was carried out: Food Research International
Start-End date: 04/10/2022 - 11/01/2023
- 32** **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
- 33** **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
- 34** **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
- 35** **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
- 36** **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
- 37** **Name of the activity:** Reviewer for 1 article
Performed tasks: Article Reviewer
Entity where activity was carried out: European Journal of Medical Research
Start-End date: 19/08/2022 - 19/08/2022



- 38** **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
- 39** **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
- 40** **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
- 41** **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
- 42** **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
- 43** **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
- 44** **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
- 45** **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
- 46** **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
- 47** **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



- 48** **Name of the activity:** Reviewer for 1 article
Performed tasks: Article Reviewer
Entity where activity was carried out: Pharmaceuticals
Start-End date: 09/02/2021 - 09/02/2021
- 49** **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
- 50** **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
- 51** **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
- 52** **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
- 53** **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
- 54** **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
- 55** **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
- 56** **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
- 57** **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



- 58** **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
- 59** **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
- 60** **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
- 61** **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
- 62** **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
- 63** **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
- 64** **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
- 65** **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
- 66** **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
- 67** **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



- 68** **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
- 69** **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
- 70** **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
- 71** **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
- 72** **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
- 73** **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
- 74** **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: 01/04/2023 - 30/06/2023
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: 23/01/2022 - 24/04/2022
Goals of the stay: Post-doctoral
Type of entity: University
Duration: 3 months
- 3** **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
- 4** **Entity:** Aberystwyth University
City of entity: Aberystwyth, United Kingdom
Start-End date: 01/03/2017 - 31/10/2017
Goals of the stay: Post-doctoral
Duration: 8 months
Provable tasks: Collaboration within the framework of the European Project "Cook-2-Health"
- 5** **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
Duration: 1 month
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.
- 6** **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
Duration: 3 months
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
- 7** **Entity:** Centro de Metabolómica y Bioanálisis (CEMBIO)
City of entity: Madrid, Community of Madrid, Spain
Start-End date: 10/01/2013 - 08/05/2013
Goals of the stay: Doctorate
Duration: 4 months
Funding entity: Ministerio de Educación, Cultura y Deporte
Name of programme: Ayudas para Estancias Breves FPU



- 8** **Entity:** Departamento de Química Física y Analítica
Faculty, institute or centre: Universidad de Oviedo
City of entity: Oviedo, Principality of Asturias, 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.
- 9** **Entity:** Instituto Universitario de Plaguicidas y Aguas (IUPA)
City of entity: Castellón, Valencian Community, 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 Fidelización de Grupos Consolidados del INiBICA (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)

7 Name of the grant: Ayudas para Publicaciones Científicas en Revistas de Alto Impacto (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)

8 Name of the grant: Estancias de Movilidad en el Extranjero "José Castillejo" para Jóvenes Doctores

Aims: Mobility

Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA

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)

9 Name of the grant: Ayudas para la Realización de Estancias Breves en Centros de Investigación Competitivos (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)

10 Name of the grant: Ayudas para Publicaciones Científicas en Revistas de Alto Impacto (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 (INIIBICA)

11 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

12 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

13 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

14 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)

15 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

16 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



- 17 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 Editorial Board for "Antioxidants"
Affiliation entity: Antioxidants (ISSN 2076-3921)
Start date: 2024
- 2 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
- 3 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
- 4 Name of the editorial council:** Member of the Editorial Board for "BMC Medicine"
Affiliation entity: BMC Medicine (ISSN 1741-7015)
Start date: 2023
- 5 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



- 6 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
- 7 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
- 8 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
- 9 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 Metabolómica (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
Start date: 30/07/2018
Type of entity: University
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
Start date: 25/03/2010
Type of entity: University
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
Start date: 25/03/2010
Type of entity: University

Prizes, mentions and distinctions

- 1** **Description:** "World's Top 2% Scientists" ranking (2024 edition)
Awarding entity: Stanford University
Conferral date: 16/09/2024
Type of entity: University
- 2** **Description:** "World's Top 2% Scientists" ranking (2023 edition)
Awarding entity: Stanford University
Conferral date: 04/10/2023
Type of entity: University



- 3** **Description:** 2024 BBA Molecular Basis of Disease Rising Star Award (finalist)
Awarding entity: Elsevier
City awarding entity: Amsterdam, Holland
Conferral date: 2023
- 4** **Description:** Foods 2023 Young Investigator Award
Awarding entity: MDPI **Type of entity:** Editorial
City awarding entity: Bassel, Switzerland
Conferral date: 2023
Recognition linked: 2000 CHF
- 5** **Description:** Top Downloaded Article Molecular Nutrition & Food Research
Awarding entity: Wiley
Conferral date: 2023
- 6** **Description:** Webometrics Ranking of Spanish Researchers (2024 edition)
Awarding entity: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Conferral date: 2023
- 7** **Description:** “World’s Top 2% Scientists” ranking (2022 edition)
Awarding entity: Stanford University **Type of entity:** University
Conferral date: 10/10/2022
- 8** **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 €
- 9** **Description:** “World’s Top 2% Scientists” ranking (2021 edition)
Awarding entity: Stanford University **Type of entity:** University
Conferral date: 19/10/2021
- 10** **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
- 11** **Description:** Top Cited Article 2019-2020 Molecular Nutrition & Food Research
Awarding entity: Wiley
Conferral date: 2021
- 12** **Description:** “World’s Top 2% Scientists” ranking (2020 edition)
Awarding entity: Stanford University **Type of entity:** University
Conferral date: 08/10/2020
- 13** **Description:** Top Downloaded Article 2017-2018 Electrophoresis
Awarding entity: Wiley
Conferral date: 2019



- 14** **Description:** Premio Tesis Doctoral AIQBE
Awarding entity: Universidad de Huelva **Type of entity:** University
Conferral date: 03/05/2017
Recognition linked: 1800 €
- 15** **Description:** Premio Extraordinario de Doctorado
Awarding entity: Universidad de Huelva **Type of entity:** University
Conferral date: 06/02/2017
- 16** **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 €
- 17** **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
- 18** **Description:** Alumno 10C
Awarding entity: Universidad de Huelva **Type of entity:** University
Conferral date: 07/06/2011
- 19** **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