



Juan Casado Vela

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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.

Experiencia empresarial y aplicada:

*Fundador de KnowTransfer.com, el primer MarketPlace de productos y servicios científicos en España.

*Experiencia en posiciones profesionales de alto nivel (C-level) con personal y equipos multidisciplinares a cargo y labores de:

* Consultoría y estrategia de innovación y financiación.

* Director de certificación y financiación de actividades I+D+i en entidad acreditada por Ministerio de Ciencia y ANECA.

* Fundador de empresa especializada en transferencia tecnológica, valoración de patentes.

* Premio V concurso de emprendimiento científico de la Universidad a Distancia de Madrid (UDIMA). 2025.

Capacidad de gestión de la investigación acreditada y gestión de equipos multidisciplinares, incluyendo actividades de consultoría, financiación de proyectos y actividades I+D+i.

Transferencia tecnológica: 1 registro software de propiedad intelectual de ámbito nacional.

Acreditación favorable en el Área de Ciencias de la Salud en 2009 por la ANECA (Agencia Nacional de Evaluación de la Calidad y Acreditación (ANECA) para las figuras de Profesor Contratado Doctor, Profesor Ayudante Doctor y Profesor de Universidad Privada, lo que permitió mejorar y desarrollar labores docentes y de investigación en el ámbito sanitario, asistencial y experimentación celular y molecular.

Productividad e impacto de publicaciones científicas:

* H-index 30, over 2500 citations in international journals (<https://scholar.google.es/citations?user=s8onSyoAAAAJ&hl=es>)

* 8 publications receiving over 100 citations.

Desde mi introducción al sistema investigador (beca Ministerio Educación, Formación de Personal Investigador) en la Universidad de Alicante, donde pude participar en la planificación y montaje desde cero de un laboratorio de experimentación proteómica,



he tenido la oportunidad de investigar y participar en proyectos y en su financiación en centros de investigación y desarrollo nacionales e internacionales (Consejo Superior de Investigaciones Científicas -varias sedes y centros-, Universidades (UPV, UC3M, USAL, UA) y IRB (Instituto de Investigación Biomédica de Barcelona), CiCBiogune, Institute of Medical Sciences -U. Aberdeen-.



Leadership Merits

Brief presentation of the merits related to leadership activities of special relevance.

Experiencia en posiciones profesionales de alto nivel (C-level) con personal y equipos multidisciplinares a cargo y labores de:

- * Consultoría y estrategia de innovación y financiación.
- * Director de certificación y financiación de actividades I+D+i en entidad acreditada por Ministerio de Ciencia y ANECA.
- * Fundador de empresa especializada en transferencia tecnológica, valoración de patentes.



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.

1 sexenio de investigación reconocido ANECA.

Productividad e impacto de publicaciones científicas:

H-index 30

Over 2700 citations in international journals (<https://scholar.google.es/citations?user=s8onSyoAAAAJ&hl=es>)

1 publication over 200 times.

8 publications cited over 100 times.



Juan Casado Vela

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 ResearcherID: **C-5086-2013**
 Contact aut. region/reg.: **Madrid, Comunidad de**
 Personal web page: **<https://scholar.google.com/citations?user=IzkjhiYAAAAJ&hl=es>**

Current professional situation

- 1** **Employing entity:** Universidad Internacional de La Rioja **Type of entity:** University
Professional category: Contratado doctor
Start date: 26/05/2025
- 2** **Employing entity:** Universidad de Nebrija **Type of entity:** University
Department: Facultad de Ciencias y Empresa
Professional category: Asociado
Start date: 03/02/2025
Type of contract: Temporary **Dedication regime:** Part time
Primary (UNESCO code): 531102 - Financial management
Performed tasks: Asignatura: Gestión económica de proyectos de investigación.
- 3** **Employing entity:** Universidad Católica San Antonio de Murcia **Type of entity:** University
Department: Facultad de Ciencias de la Salud
Professional category: Profesor Invitado
Start date: 08/09/2021
Primary (UNESCO code): 120317 - Informatics; 531102 - Financial management
- 4** **Employing entity:** Universidad Francisco de Vitoria **Type of entity:** University
Department: Facultad de medicina
Professional category: Profesor Contratado Doctor
Start date: 01/09/2021
Type of contract: Temporary
Performed tasks: Docencia e investigación.
- 5** **Employing entity:** Universidad Carlos III de Madrid **Type of entity:** University
Department: Bioingeniería, Escuela Politécnica Superior
Professional category: Profesor Asociado
City employing entity: Leganés, Madrid, Comunidad de, Spain
Email: jucasado@ing.uc3m.es
Start date: 07/09/2015



Type of contract: Temporary employment contract

Dedication regime: Part time

Primary (UNESCO code): 230227 - Proteins; 230290 - Biochemistry Food; 240300 - Biochemistry; 240701 - Cell culture; 240702 - Cell genetics; 249000 - Neurosciences; 320102 - Clinical genetics; 320703 - Carcinogenesis; 330290 - Biochemical Engineering

Previous positions and activities

	Employing entity	Professional category	Start date
1	Centro Nacional de Biotecnología	Investigador contratado doctor	16/11/2012
2	Instituto de Investigaciones Biomédicas Alberto Sols	Investigador contratado doctor	28/02/2010
3	CIC bioGUNE, Centro de Investigación Cooperativa en Biociencias	Proteomic platform manager	01/01/2008
4	Centro Nacional de Investigaciones Oncológicas	Contratado Doctor. Mass spectrometry proteomic platform officer	01/03/2005
5	Universidad de Alicante	Investigador post-doctoral	01/11/2004
6	Universidad de Alicante	Investigador post-doctoral	01/06/2004
7	Universidad de Alicante	Investigador post-doctoral	02/06/2002
8	Ministerio de Ciencia e Innovación. Investigación	Investigador pre-doctoral	08/06/2000
9	Instituto Juan Gil-Albert. Diputación provincial de Alicante	Investigador pre-doctoral	01/06/2000
10	Centro de Investigaciones Biológicas	Investigador contratado doctor	17/05/2016

- 1** **Employing entity:** Centro Nacional de Biotecnología **Type of entity:** State agency
Professional category: Investigador contratado doctor
Start-End date: 16/11/2012 - 28/04/2014 **Duration:** 2 years - 1 month
Type of contract: Temporary employment contract
Dedication regime: Full time
Primary (UNESCO code): 230000 - Chemistry; 240300 - Biochemistry
Secondary (UNESCO code): 241000 - Human biology; 249000 - Neurosciences
Identify key words: Analysis of biological samples (proteomic); Computational biology
Area of leadership and/or management activity: Public Research Body
Applicability in teaching and/or research: Colaborador docente en la Universidad Autónoma de Madrid.
- 2** **Employing entity:** Instituto de Investigaciones Biomédicas Alberto Sols **Type of entity:** State agency
Professional category: Investigador contratado doctor
Start-End date: 28/02/2010 - 15/11/2012 **Duration:** 2 years - 11 months
- 3** **Employing entity:** CIC bioGUNE, Centro de Investigación Cooperativa en Biociencias **Type of entity:** Innovation and Technology Centres
Professional category: Proteomic platform manager
Start-End date: 01/01/2008 - 31/12/2009 **Duration:** 2 years



- | | | |
|-----------|--|--|
| 4 | Employing entity: Centro Nacional de Investigaciones Oncológicas
Professional category: Contratado Doctor. Mass spectrometry proteomic platform officer
Start-End date: 01/03/2005 - 31/12/2007 | Type of entity: Healthcare Institutions
Duration: 2 years - 10 months |
| 5 | Employing entity: Universidad de Alicante
Professional category: Investigador post-doctoral
Start-End date: 01/11/2004 - 01/03/2005 | Type of entity: University
Duration: 4 months - 4 days |
| 6 | Employing entity: Universidad de Alicante
Professional category: Investigador post-doctoral
Start-End date: 01/06/2004 - 17/01/2005 | Type of entity: University
Duration: 12 months - 17 days |
| 7 | Employing entity: Universidad de Alicante
Professional category: Investigador post-doctoral
Start-End date: 02/06/2002 - 02/06/2002 | Type of entity: University
Duration: 730 days |
| 8 | Employing entity: Ministerio de Ciencia e Innovación. Investigación
Professional category: Investigador pre-doctoral
Start-End date: 08/06/2000 - 01/06/2002 | Type of entity: Beca-contrato Formación de Personal Investigador
Duration: 1 year - 10 months |
| 9 | Employing entity: Instituto Juan Gil-Albert. Diputación provincial de Alicante
Professional category: Investigador pre-doctoral
Start-End date: 01/06/2000 - 31/12/2001 | Duration: 18 months |
| 10 | Employing entity: Centro de Investigaciones Biológicas
Professional category: Investigador contratado doctor
Start date: 17/05/2016 | Type of entity: State agency |

Summary of professional activity

- Experience in research funding, project management and technology transference.
- Expertise in business management, international consultancy and auditing of research projects.

- Award of a favourable six-year research assessment (sexenio investigación) and accreditation in the Health Sciences area by ANECA (Spanish National Agency for Quality Assessment and Accreditation), enabling enhanced development of teaching and research activities within the healthcare, clinical, and cellular and molecular experimentation fields.

- Director of Master dissertations in UNIR international University.
- Grants and fellows in national and international R&D centres, including the Spanish National Research Council (CSIC), Spanish National Cancer Centre (CNIO) or Institute for Research in Biomedicine Barcelona (IRB Barcelona), among others.



Education

University education

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

- 1 University degree:** Higher degree
Name of qualification: Diploma de Estudios Avanzados (DEA: bioquímica y biología molecular)
Degree awarding entity: Universidad de Alicante **Type of entity:** University
Date of qualification: 09/07/2002
- 2 University degree:** Higher degree
Name of qualification: Licenciado en Biología
Degree awarding entity: Universidad de Alicante **Type of entity:** University
Date of qualification: 11/09/2000

Doctorates

Doctorate programme: Biología molecular
Degree awarding entity: Universidad de Alicante **Type of entity:** University
City degree awarding entity: Alicante, Comunitat Valenciana, Spain
Date of degree: 19/09/2004
DEA awarding entity: FUNDACION GENERAL DE LA UNIVERSIDAD DE ALICANTE
Date DEA was awarded: 09/07/2002
Thesis title: Aproximación cinética, molecular y proteómica al estudio de desórdenes provocados por déficit de compuestos de calcio.
Thesis director: Roque Bru Martínez
Obtained qualification: sobresaliente cum laude

Other postgraduate university studies

- 1 Postgraduate qualification:** Curso INNOVACEF en Emprendimiento e Intraemprendimiento Científico - 61671110-2S-BU
Degree awarding entity: Universidad a Distancia de Madrid **Type of entity:** University
Faculty, institute or centre: Fac. Ciencias de la Empresa
Date of qualification: 07/07/2025
- 2 Postgraduate qualification:** OMPI-OEPM. Propiedad industrial. 45 horas
Degree awarding entity: Oficina Española de Patentes y Marcas (OMPI-OEPM) **Type of entity:** State agency
Date of qualification: 04/07/2025



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

- 1 Training title:** Escuela de Verano OMPI-Oficina Española de Patentes y Marca, O.A (OEPM)
Awarding entity: Oficina Española de Patentes y Marcas
End date: 04/07/2025 **Duration in hours:** 28 hours
- 2 Training title:** Metodología y habilidades para el desempeño de la labor de mentor.
Awarding entity: Escuela Politécnica Superior **Type of entity:** University Centres and Structures and Associated Bodies
End date: 11/11/2020 **Duration in hours:** 8 hours
- 3 Training title:** Implantación de ISO 17025 laboratorios de ensayo y calibración
Awarding entity: AENOR **Type of entity:** State agency
End date: 04/03/2015 **Duration in hours:** 60 hours
- 4 Training title:** Interpretación de datos secuenciación masiva: ChIP-seq, RNA-seq y Detección de mutaciones.
Awarding entity: Centro Nacional de Biotecnología **Type of entity:** State agency
End date: 21/11/2013 **Duration in hours:** 30 hours
- 5 Training title:** Bases de datos y evaluación científica
Awarding entity: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
End date: 14/03/2013 **Duration in hours:** 15 hours
- 6 Training title:** Instalación y administración de redes y sistemas
Awarding entity: Centro de Formación IBM
End date: 13/09/2012 **Duration in hours:** 40 hours
- 7 Type of training:** Course
Training title: Prevención de Riesgos Laborales. Teórico-Práctico
City awarding entity: Madrid, Madrid, Comunidad de, Spain
Awarding entity: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Training manager: Miguel Ángel Zapardiel
End date: 07/05/2012 **Duration in hours:** 50 hours
- 8 Training title:** Curso de Protección Radiológica
Awarding entity: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
End date: 25/01/2012 **Duration in hours:** 8 hours
- 9 Training title:** Iniciación a la Resonancia Magnética Nuclear de Muestras
Awarding entity: Ministerio de Ciencia e Innovación **Type of entity:** CSIC
End date: 18/11/2011 **Duration in hours:** 30 hours
- 10 Training title:** Il Proteored Microarray Course
Awarding entity: Instituto de Salud Carlos III **Type of entity:** Public Research Body
End date: 28/10/2011 **Duration in hours:** 18 hours



- 11 Training title:** Formación de Directivos de Empresas Biotecnológicas
Awarding entity: Fundación Genoma España **Type of entity:** Foundation
End date: 01/03/2011 **Duration in hours:** 160 hours
- 12 Training title:** Modelos animales para enfermedades humanas
Awarding entity: CIBER ENFERMEDADES RARAS (CIBERER)
End date: 27/10/2010 **Duration in hours:** 80 hours
- 13 Training title:** Max Planck Institute of Biochemistry
Awarding entity: Max-Planck Germany
End date: 18/06/2010 **Duration in hours:** 48 hours
- 14 Training title:** Advanced Proteomics Data Analysis Course
Awarding entity: Parc Científic de Barcelona **Type of entity:** R&D Centre
End date: 29/01/2010 **Duration in hours:** 38 hours
- 15 Training title:** Introduction to Molecular Simulations EMBnet/CNB
Awarding entity: Ministerio de Ciencia e Innovación. Investigación **Type of entity:** CNB
End date: 01/06/2009 **Duration in hours:** 10 hours
- 16 Training title:** Mass Spectrometry in Protein Chemistry and Proteomics: Analysis of Post Translational Modifications
Awarding entity: University of South Denmark **Type of entity:** University
End date: 08/09/2007 **Duration in hours:** 40 hours
- 17 Training title:** Mass Spectrometry of Peptides and Proteins
Awarding entity: American Society for Mass Spectrometry
End date: 28/05/2006 **Duration in hours:** 12 hours

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
English	C2	C2	C2	C2	C2

Teaching experience

General teaching experience

- 1 Name of the course:** Grado
University degree: Grado Ciencias Biomédicas
Start date: 01/09/2021 **End date:** 08/11/2024
Entity: Universidad Francisco de Vitoria **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Experimentales



- 2** **Name of the course:** Biochemistry
University degree: Biomedical Engineering
Start date: 01/09/2017 **End date:** 30/09/2023
Entity: Universidad Carlos III de Madrid **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica Superior
- 3** **Name of the course:** Biochemistry
University degree: Biomedical Engineering
Start date: 01/09/2016 **End date:** 31/08/2017
Entity: Universidad Carlos III de Madrid **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica Superior
- 4** **Name of the course:** Biochemistry
University degree: Biomedical Engineering
Start date: 01/09/2015 **End date:** 30/08/2016
Entity: Universidad Carlos III de Madrid **Type of entity:** University
Faculty, institute or centre: Escuela Politécnica Superior
- 5** **Type of teaching:** Official teaching
Name of the course: Bioquímica experimental avanzada I / 2013
Type of programme: Bachelor's degree **Type of teaching:** Laboratory work
Type of subject: Core
University degree: Colaborador docente
Course given: Bioquímica Experimental I **Frequency of the activity:** 1
Start date: 23/09/2013 **End date:** 28/09/2013
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 40
Entity: Universidad Autónoma de Madrid **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
Department: Departamento de Biología Molecular
City of entity: Madrid, Madrid, Comunidad de, Spain
Assessment entity: Agencia Nacional de Evaluación de la Calidad y Acreditación
Type of entity: 1
Subject language: Spanish
- 6** **Name of the course:** Bioquímica
University degree: Graduado o Graduada en Óptica y Optometría
Start date: 10/02/2011 **End date:** 24/09/2011
Entity: Universidad de Alicante **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 7** **Name of the course:** Proteored / CICbioGUNE course
University degree: Proteomics analysis with nLC Orbitrap XL
Start date: 03/07/2011 **End date:** 03/07/2011
Entity: Parque tecnológico de Vizcaya
- 8** **Name of the course:** Seminarios de Biología Experimental y Aplicada
University degree: Proteómica y metabolómica basada en espectrometría de masas
Start date: 20/02/2009 **End date:** 20/02/2009
Entity: Universidad de Alicante **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias



- 9** **Name of the course:** Proteómica de expresión. 3 créditos, 30 horas
University degree: Programa de doctorado. Biología Experimental y Aplicada
Start date: 01/01/2006 **End date:** 31/12/2006
Entity: Universidad de Alicante **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 10** **Name of the course:** Proteómica vegetal. 12 créditos, 120 horas
University degree: Programa de doctorado. Biología Experimental y Aplicada
Start date: 01/01/2006 **End date:** 31/12/2006
Entity: Universidad de Alicante **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 11** **Name of the course:** Proteómica de expresión. 3 créditos
University degree: Programa de doctorado. Biología Experimental y Aplicada
Start date: 01/01/2005 **End date:** 31/12/2005
Entity: Universidad de Alicante **Type of entity:** University
- 12** **Name of the course:** Proteómica vegetal. 12 créditos, 120 horas
University degree: Programa de doctorado. Biología Experimental y Aplicada
Start date: 01/01/2005 **End date:** 31/12/2005
Entity: Universidad de Alicante **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 13** **Name of the course:** Especialista Universitario en Análisis Instrumental
University degree: Especialista Universitario en Análisis Instrumental
Start date: 17/11/2005 **End date:** 17/11/2005
Entity: Universidad Politécnica de Cartagena **Type of entity:** University
- 14** **Type of teaching:** Official teaching
Name of the course: Conceptos de biología molecular
Type of teaching: In person theory
University degree: Criminología (T. propio)
Start date: 01/09/2004 **End date:** 28/02/2005
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 20
Entity: Universidad de Alicante **Type of entity:** University
Faculty, institute or centre: Facultad de Derecho
- 15** **Name of the course:** Enzimología, 4º curso. 6 créditos (60 horas)
University degree: Licenciado en Biología Opción Biología Celular y Molecular
Start date: 01/02/2004 **End date:** 30/06/2004
Entity: Universidad de Alicante **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 16** **Name of the course:** Enzimología. 4º curso. 6 créditos (60 horas)
University degree: Licenciado en Biología Opción Biología Celular y Molecular
Start date: 01/02/2003 **End date:** 30/06/2003
Entity: Universidad de Alicante **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias



- 17** **Name of the course:** Prácticas formativas en laboratorio. 380 horas
University degree: Ciclo formativo de grado superior Salud Ambiental
Start date: 01/01/2001 **End date:** 31/12/2002
Entity: IES Canastell, San Vicente del Raspeig (Alicante) **Type of entity:** Instituto de Educación Secundaria
- 18** **Name of the course:** Enzimología, 4º curso. 6 créditos (60 horas)
University degree: Licenciado en Biología Opción Biología Celular y Molecular
Start date: 01/02/2002 **End date:** 30/06/2002
Entity: Universidad de Alicante **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
- 19** **Name of the course:** Gestión económica de proyectos
University degree: Grado en ingeniería Biomédica
Start date: 06/09/2024
Entity: Universidad Antonio de Nebrija **Type of entity:** University
- 20** **Name of the course:** European Proteomics Seminar Series
University degree: Applicability of LTQ Orbitrap MS to address proteomic studies
Entity: Instituto de Química Física Blas Cabrera **Type of entity:** State agency

Teaching experience in the field of specialized healthcare

Name of the speciality: Director de TFM (Máster Thesis). Área ciencias de la salud
Awarding entity: Universidad Internacional de La Rioja **Type of entity:** University
Department: Área de ciencias de la salud
Start date: 26/05/2025

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Implementación de un Laboratorio de Inmunogenética en el Departamento de Santander - Colombia
Entity: Universidad Internacional de La Rioja **Type of entity:** University
Student: Nicolas Alejandro Pico Rodríguez
Date of reading: 23/03/2026
- 2** **Project title:** Memoria de Gestión Clínica de la Unidad de Nefrología y Diálisis perteneciente al Hospital Pediátrico Baca Ortiz del Ministerio de Salud Pública del Ecuador
Entity: Universidad Internacional de La Rioja **Type of entity:** University
Student: Silvia Bibiana Tamayo Jácome
Date of reading: 23/03/2026
- 3** **Project title:** Memoria de Gestión Clínica para optar a la Jefatura del Servicio de Imagenología del Hospital Manuel Ygnacio Monteros – IESS (Loja)
Entity: Universidad Internacional de La Rioja **Type of entity:** University
Student: Andrea Katherine Quezada Cevallos
Date of reading: 23/03/2026



- 4** **Project title:** Memorias para optar a la Jefatura de la Unidad de Cuidados Intensivos Pediátricos del Hospital Gineco Obstétrico Pediátrico de Nueva Aurora “Luz Elena Arismendi”
Entity: Universidad Internacional de La Rioja **Type of entity:** University
Student: Francia Deodath Pérez Arellano
Date of reading: 23/03/2026
- 5** **Project title:** Propuesta de creación de una Unidad de Gestión Clínica de Quemados Pediátricos en Hospital Liborio Panchana (Santa Elena)
Entity: Universidad Internacional de La Rioja **Type of entity:** University
Student: Evelina Jacquelin Vínces Gracia
Date of reading: 23/03/2026
- 6** **Project title:** REPLANTEAMIENTO ESTRATÉGICO DE UN HOSPITAL EN CRISIS
Entity: Universidad Internacional de La Rioja **Type of entity:** University
Student: Luis Evelio Vásquez Navia
Date of reading: 23/03/2026
- 7** **Project title:** Diseño de un Flujo de Trabajo para la Cuantificación, el Análisis de Expresión Diferencial y la Interpretación Funcional de Datos Transcriptómicos Humanos Previamente Preprocesados y Alineados
Entity: Universidad Autónoma de Madrid **Type of entity:** University
Student: Alejandro González Sánchez
Date of reading: 13/02/2026
- 8** **Project title:** Convenio de Prácticas suscrito entre la Universidad Autónoma de Madrid y INARI BIOTECH, S.L.
Entity: Máster en Bioinformática y Biología Computacional
Student: A. González Sánchez
Date of reading: 19/09/2025
- 9** **Project title:** Demanda Inducida en los Sistemas de Salud: Impacto en el Gasto, la Equidad y las Estrategias de Control
Entity: Universidad Internacional de La Rioja **Type of entity:** University
Student: Julie Alexandra Pedreros Alba
Date of reading: 19/09/2025
- 10** **Project title:** Implementación de políticas sanitarias en Chile, Pandemia COVID-19
Entity: Universidad Internacional de La Rioja **Type of entity:** University
Date of reading: 10/09/2025
- 11** **Project title:** Memoria de gestión de la sección de urología. Hospital Universitario Los Arcos del mar menor.
Entity: Universidad Internacional de La Rioja **Type of entity:** University
Student: Melque Barragán Gamero
Date of reading: 30/07/2025
- 12** **Project title:** Memoria de gestión para la dirección y coordinación del Seguro Social Campesino de la Provincia de Manabí
Entity: Universidad Internacional de La Rioja **Type of entity:** University
Student: Gema Isabel González Mendoza
Date of reading: 30/07/2025



- 13** **Project title:** Gestión de la Demanda Inducida en el Programa de Tamizaje de Cáncer Cervicouterino en el Centro de Salud “Las Margaritas” de la ciudad de Cartago, Valle del Cauca-Colombia
Type of project: Master's Thesis
Entity: Universidad Internacional de La Rioja **Type of entity:** University
Student: Mónica Milena Bermúdez Martínez
Date of reading: 06/07/2025
- 14** **Project title:** Análisis de la Demanda Inducida en el Centro de Salud Tipo C del Cantón San Lorenzo
Entity: Universidad Internacional de La Rioja **Type of entity:** University
Date of reading: 02/07/2025
Narrative Explanation: This study analyzes the management of induced demand in the cervical cancer screening program at the “Las Margaritas” Health Center, a fictitious institution created for academic purposes in Cartago, Valle del Cauca. Its main objective is to examine how induced demand is managed within the program, aiming to ensure timely screening and efficient program performance. Although the data used are not real, they were constructed based on bibliographic sources and adapted to the local context. The study simulates a scenario for implementing a preventive model in a regional setting, highlighting the importance of promoting Primary Health Care strategies that reduce late diagnoses and the additional costs associated with cervical cancer, one of the leading causes of cancer-related deaths among women in Colombia. The study begins with a description of the Colombian health system, focusing on the implementation of Law 100 of 1993 and its current impacts. It then conducts an internal and external strategic analysis of the fictitious “Las Margaritas” Health Center, which serves as the basis for developing a SWOT and CAME matrix. These tools guide the creation of an action plan focused on strategic planning, quality, process management, and patient safety. Additionally, a balanced scorecard is developed, and the professional profile of the candidates, along with their respective roles, is defined.
- 15** **Project title:** Atención integral al paciente crónico - Especial Relevancia del Crónico Complejo.
Entity: Universidad Internacional de La Rioja **Type of entity:** University
Date of reading: 02/07/2025

Most relevant contributions of your teaching CV

- 1** **Description:** Colaborador prácticas de la asignatura de Bioquímica experimental, Grado de Bioquímica, 40 horas
Organising entity: FUNDACION GENERAL DE LA UNIVERSIDAD AUTONOMA DE MADRID FUAM
End date: 31/12/2014
- 2** **Description:** Acreditación ANECA. Profesor titular de Universidad
Organising entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** Public_independent
End date: 14/10/2013
- 3** **Description:** Docente LOU Master universitario de análisis. Métodos analíticos y moleculares.
Organising entity: FUNDACION GENERAL DE LA UNIVERSIDAD DE ALICANTE
End date: 31/12/2011
- 4** **Description:** Profesor Asociado (LOU). Área: Bioquímica y Biología Molecular. 6 créditos teoría y prácticas
Organising entity: Dirección Provincial del Ministerio de Educación y Cultura **Type of entity:** Universidad de Alicante
End date: 24/06/2011
- 5** **Description:** Acreditación ANECA. Profesor contratado doctor.
Organising entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** Public_independent
End date: 08/07/2009



- 6** **Description:** Acreditación ANECA. Profesor de Universidad Privada.
Organising entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** Public_independent
End date: 08/07/2009
- 7** **Description:** Acreditación ANECA. Profesor ayudante doctor.
Organising entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** Public_independent
End date: 06/07/2009
- 8** **Description:** Acreditación AVAP. Profesor ayudante doctor
Organising entity: Agència Valenciana d'avaluació i Prospectiva **Type of entity:** Público_independiente
End date: 21/02/2005
- 9** **Description:** Acreditación AVAP. Profesor colaborador.
Organising entity: Agència Valenciana d'avaluació i Prospectiva **Type of entity:** Público_independiente
End date: 21/02/2005
- 10** **Description:** Acreditación AVAP. Profesor doctor de universidad privada.
Organising entity: Agència Valenciana d'avaluació i Prospectiva **Type of entity:** Público_independiente
End date: 21/02/2005

Plurality, interdisciplinarity and teaching complexity

·Accredited teaching experience at public and private Universities (University of Alicante/UA, University Carlos III of Madrid/UC3M, Francisco de Vitoria University (UFV), Catholic University of San Antonio (UCAM), Nebrija University, International University of La Rioja (UNIR), as well as independent business schools.

·Experience in postgraduate teaching across various disciplines:

- Project Management. Teacher at Universidad Francisco de Vitoria (Master in Bioinformatics).
- Module Coordinator at Universidad Francisco de Vitoria: Master's in Technology and Processes for the Pharmaceutical and Biopharmaceutical Industry.



Healthcare experience

Healthcare innovation projects

Name of the project: Coordinador y gestor de proyectos en Fundación de Investigación Sanitaria adscrita a Hospitales (HIL, HSE, HVT)

Type of project: Healthcare management

Entity where project took place: Fundación de Investigación Sanitaria Infanta Leonor

Type of entity: Healthcare Institutions

Start date: 14/02/2024

Duration: 1 year

Other activities/achievements not included above

1 Other relevant activities: Evaluación positiva ANECA para las figuras de: profesor de Universidad Privada, profesor contratado doctor y profesor ayudante doctor

Entity where project took place: Agencia Nacional de Evaluación de la Calidad y Acreditación

Type of entity: ANECA

End date: 16/07/2009

2 Other relevant activities: Acknowledgement for technical support in: Nature 456, 107-111. 2008.

Entity where project took place: Centro Nacional de Investigaciones Oncológicas

Type of entity: Healthcare Institutions

End date: 2008

Scientific and technological experience

Scientific or technological activities

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

1 Name of the project: COLINA QUINASA EN ONCOLOGIA DE PRECISION: UN ABORDAJE INTEGRAL

Entity where project took place: Instituto de Investigaciones Biomédicas Alberto Sols

Type of entity: State agency

City of entity: Madrid, Madrid, Comunidad de, Spain

Name principal investigator (PI, Co-PI...): Lacal Sanjuan IP

Nº of researchers: 4

Start-End date: 01/09/2021 - 31/08/2025

Total amount: 169.400 €

2 Name of the project: Translational Research in rare diseases of vascular origin: pathological models and molecular bases of therapies. (HOPEVASRARE)

Entity where project took place: Centro de Investigaciones Biológicas

Type of entity: State agency

City of entity: Madrid, Madrid, Comunidad de, Spain



Name principal investigator (PI, Co-PI....): Botella
Nº of researchers: 4
Start-End date: 01/08/2020 - 31/08/2024
Total amount: 154.000 €

- 3** **Name of the project:** Homeostasis y patología cutánea. Desarrollo de modelos celulares y animales para el estudio de vías de señalización epidérmica y ensayos de nuevos abordajes terapéuticos (SkinModel).
Entity where project took place: Instituto de Investigaciones Biomédicas Alberto Sols
Type of entity: State agency
City of entity: Madrid, Madrid, Comunidad de, Spain
Nº of researchers: 6
Funding entity or bodies: CAM
Type of entity: State agency
Start-End date: 01/01/2015 - 31/12/2017
Total amount: 615.250 €
- 4** **Name of the project:** Función de las glicoproteínas de la superficie celular podoplanina y endogлина en la homeostasis de la piel y la carcinogénesis cutánea.
Entity where project took place: Instituto de Investigaciones Biomédicas Alberto Sols
Type of entity: State agency
City of entity: Madrid, Madrid, Comunidad de, Spain
Nº of researchers: 7
Funding entity or bodies: MINECO
Type of entity: State agency
City funding entity: Madrid, Madrid, Comunidad de, Spain
Start-End date: 01/01/2014 - 31/12/2016
Total amount: 254.100 €
- 5** **Name of the project:** Inmunidad tumoral e inmunoterapia del cáncer (Immunothercan).
Entity where project took place: Caja de Ahorros de Madrid. Código: S-2010 bmd-2326.
City of entity: Madrid, Madrid, Comunidad de, Spain
Nº of researchers: 12
Start-End date: 01/12/2012 - 31/12/2015
Total amount: 991.200 €
Sub-project amount: 105.800 €
- 6** **Name of the project:** Establecimiento de las bases para una mejor comprensión de las redes de regulación interdependientes entre metabolismo y señalización intracelular en células tumorales.
Entity where project took place: Instituto de Investigaciones Biomédicas Alberto Sols
Type of entity: State agency
City of entity: Madrid, Madrid, Comunidad de, Spain
Nº of researchers: 10
Start-End date: 01/01/2012 - 31/12/2014
Total amount: 200.000 €
- 7** **Name of the project:** Characterization of expression and signaling pathways activated by c-Myc and Choline kinase alpha in the relation to TRAIL-induced apoptosis.
Entity where project took place: Instituto de Investigaciones Biomédicas Alberto Sols
Type of entity: State agency
City of entity: Madrid, Madrid, Comunidad de, Spain
Name principal investigator (PI, Co-PI....): Juan Carlos Lacal Sanjuan
Nº of researchers: 5



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

Total amount: 7.500 €

8 Name of the project: Aprovechamiento de aguas de baja calidad para la obtención de cultivos con un alto valor nutritivo: caracterización de la respuesta a estrés nutricional (boro y salinidad)

Entity where project took place: Agencia Regional de Ciencia y Tecnología - Fundación Seneca.

City of entity: Murcia, Murcia, Región de, Spain

Nº of researchers: 4

Start-End date: 01/01/2010 - 31/12/2012

Total amount: 54.576 €

9 Name of the project: Identificación de marcadores diagnósticos en cáncer colo-rectal mediante detección de autoanticuerpos y análisis proteómico diferencial cuantitativo (BIO2009-08818).

Entity where project took place: Centro de Investigaciones Biológicas **Type of entity:** State agency

City of entity: Madrid, Madrid, Comunidad de, Spain

Nº of researchers: 5

Start-End date: 01/01/2010 - 31/12/2012

Total amount: 204.000 €

10 Name of the project: TIMIN. Tratamiento integral mínimamente invasivo - del diagnóstico al implante.

Entity where project took place: CIC bioGUNE, Centro de Investigación Cooperativa en Biociencias **Type of entity:** Innovation and Technology Centres

City of entity: Bilbao, País Vasco, Spain

Nº of researchers: 7

Funding entity or bodies:

Gobierno Vasco

Type of entity: Administrative Body of the National Health System

Start-End date: 01/01/2009 - 31/12/2012

Total amount: 1.600.285 €

11 Name of the project: Proyecto RTICC-2006 (RD06/0020/0016)

Entity where project took place: Instituto de Investigaciones Biomédicas Alberto Sols **Type of entity:** State agency

City of entity: Madrid, Madrid, Comunidad de, Spain

Funding entity or bodies:

Red Temática de Investigación Cooperativa en Cáncer (RTICC)

Start-End date: 01/01/2007 - 31/12/2012

Total amount: 858.873,75 €

12 Name of the project: Análisis proteómico del PRGF (Plasma Rich in Growing Factors) y su aplicación en la medicina regenerativa autóloga.

Entity where project took place: BTI (Biotechnology Institute)

Nº of researchers: 4

Funding entity or bodies:

Gobierno Vasco

Type of entity: Etorgai

City funding entity: Spain

Start-End date: 01/01/2009 - 31/12/2010



- 13** **Name of the project:** GENOMPROT. Desarrollo de tecnología en las áreas de genómica y proteómica.
Entity where project took place: Gobierno Vasco **Type of entity:** Etorgai
Nº of researchers: 4
Funding entity or bodies:
Gobierno Vasco **Type of entity:** State agency
Start-End date: 01/01/2009 - 31/12/2010
- 14** **Name of the project:** Medicina personalizada aplicada al diagnóstico clínico.
Entity where project took place: CIC bioGUNE, **Type of entity:** Innovation and Technology Centres
Centro de Investigación Cooperativa en Biociencias
City of entity: Derio, País Vasco, Spain
Name principal investigator (PI, Co-PI...): Tatiana Suárez
Nº of researchers: 5
Funding entity or bodies:
Gobierno Vasco **Type of entity:** Etorgai
City funding entity: Spain
Start-End date: 01/01/2008 - 31/12/2010
Total amount: 238.926 €
- 15** **Name of the project:** Análisis transcriptómico y proteómico de los procesos de proliferación, diferenciación y regeneración en epitelio de colon humano. (S-GEN-0266-2006).
Entity where project took place: Centro de **Type of entity:** State agency
Investigaciones Biológicas
Nº of researchers: 6
Funding entity or bodies:
Comunidad de Madrid **Type of entity:** Comunidad de Madrid
City funding entity: Madrid, Madrid, Comunidad de, Spain
Start-End date: 01/01/2006 - 31/12/2009
Total amount: 623.000 €
- 16** **Name of the project:** Aproximación integrada a la producción de compuestos bioactivos mediante cultivo de células vegetales (BIO2005-00332).
Entity where project took place: Universidad de **Type of entity:** University
Alicante
Nº of researchers: 7
Funding entity or bodies:
MINISTERIO DE EDUCACION Y CIENCIA
City funding entity: Spain
Start-End date: 01/01/2005 - 31/12/2008
Total amount: 95.200 €
- 17** **Name of the project:** Proteómica y genómica funcional (VIGROB105)
Entity where project took place: Universidad de **Type of entity:** University
Alicante
Nº of researchers: 5
Start-End date: 01/01/2002 - 31/12/2008
Total amount: 5.774 €



- 18 Name of the project:** Development of molecular markers linkage to sharka (Plum pox virus). (23BIO2005-04-6444)
Entity where project took place: Centro de Edafología y Biología Aplicada del Segura
Type of entity: State agency
N° of researchers: 4
Funding entity or bodies: Comisión Interministerial de Ciencia y Tecnología
Type of entity: Body, others
Start-End date: 01/01/2005 - 31/12/2007
Total amount: 74.000 €
- 19 Name of the project:** Grapegene. A genomic approach to the identification of the genetic and environmental components underlying berry quality in grapevine.
Entity where project took place: Universidad de Alicante
Type of entity: University
Name principal investigator (PI, Co-PI...): Robert Olafson; Steven Troy Lund; Jose Miguel Martínez Zapater
N° of researchers: 15
Funding entity or bodies: Fundación Genoma España
Type of entity: Foundation
City funding entity: Madrid, Madrid, Comunidad de, Spain
Start-End date: 01/01/2004 - 31/12/2007
Total amount: 171.637 €
- 20 Name of the project:** Nuevas tecnologías de producción de ingredientes funcionales para alimentación y cosmética: bio-factorías celulares y expansión súbita (IIARCO/2004/327).
Entity where project took place: Universidad Miguel Hernández de Elche
Type of entity: University
N° of researchers: 3
Start-End date: 01/01/2004 - 31/12/2005
Total amount: 18.011 €
- 21 Name of the project:** Producción de resveratrol y compuestos bioactivos relacionados mediante cultivo de células vegetales. (BIO2002-03100).
Entity where project took place: Consejería de Industria, Comercio y Turismo
Type of entity: State agency
N° of researchers: 6
Start-End date: 01/01/2002 - 31/12/2005
Total amount: 69.920 €
- 22 Name of the project:** Implicación y control de polifenol oxidasa en los desórdenes fisiológicos causados por el déficit de calcio en frutos destinados al consumo humano (AGF99-0396).
Entity where project took place: Universidad de Alicante
Type of entity: University
N° of researchers: 4
Start-End date: 01/01/1999 - 31/12/2002
Total amount: 60.581 €
- 23 Name of the project:** Referencia: PID-116165RB-C21. RESOLUCIÓN DE LA PRESIDENCIA DE LA AGENCIA ESTATAL DE INVESTIGACIÓN, CONVOCATORIA 2020 DE «PROYECTOS DE I+D+i».
Entity where project took place: Instituto de Investigaciones Biomédicas Alberto Sols
Type of entity: State agency



City of entity: MADRID, Spain
Nº of researchers: 3
Start date: 01/09/2021
Total amount: 169.400 €

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

Name of the project: Producción de resveratrol por células en biorreactor agitado de 20 litros (BN Asociados Biopharmalab)
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): R. Bru
Nº of researchers: 6
Funding entity or bodies: BN ASOCIADOS BIOPHARMALAB, S.L.
City funding entity: Spain
Start date: 13/05/2004 **Duration:** 1 year
Total amount: 10.800 €

Results

Industrial and intellectual property

Title registered industrial property: Software registrado: Aplicativo en entorno Excel y VBA para la generación datos estructurados en XML bajo esquemas XSD de referencia.
Date of register: 20/09/2024

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

Description: Software registrado: Aplicativo en entorno Excel y VBA para la generación datos estructurados en XML bajo esquemas XSD de referencia.
Name of the principal Investigator (PI): Casado Vela, Juan
Degree of contribution: Coordinator of total project, network or consortium
Start date: 20/09/2024 **Duration:** 1 year

Knowledge transfer and exchange

*Desarrollo, protección y transferencia de nuevo procedimiento y programa informático con título: 'Aplicativo en entorno Excel y VBA para la generación datos estructurados en XML bajo esquemas XSD de referencia.' NÚMERO DE ASIENTO REGISTRAL 16 / 2025 / 407. Oficina de propiedad intelectual de la Comunidad de Madrid.

*Creación del primer marketplace para la transferencia de productos y servicios científicos y tecnológicos. <https://knowtransfer.com> (premio UDIMA-CEF)



Scientific and technological activities

Scientific production

H index: 30

Date of application: 10/09/2025

Source of H-Index: GOOGLE SCHOLAR

Publications, scientific and technical documents

- 1** Juan Casado-Vela; Jose Manuel Franco Zorrilla; Manuel Fuentes. Screening of protein-protein and protein-DNA interactions using microarrays: applications in biomedicine. *Advances in Protein Chemistry and Structural Biology*. 95 - 8, pp. 231 - 281. Elsevier, 2014. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/B9780128004531000087>>. ISBN 978-0-12-800453-1

Collection: Advances in Protein Chemistry and Structural Biology

Type of production: Scientific paper **Format:** Journal

Position of signature: 1 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

Impact source: WOS (JCR)

Impact index in year of publication: 3.04

Relevant publication: Yes
- 2** Casado-Vela; Gallardo; Albiñana. Propranolol: A "Pick and Roll" Team Player in Benign Tumors and Cancer Therapies. *Journal of Clinical Medicine*. 11, pp. 4539. MDPI, 04/08/2022.

Type of production: Scientific paper
- 3** A Novel Splicing Mutation in the ACVRL1/ALK1 Gene as a Cause of HHT2. *Journal of Clinical Medicine*. 11 - 11, pp. 3053. 01/05/2022.

Type of production: Scientific paper **Format:** Journal
- 4** Juan. The Role of Propranolol as a Repurposed Drug in Rare Vascular Diseases. *International journal of molecular sciences*. 23 - 8, pp. 4217. 01/04/2022.

Type of production: Scientific paper **Format:** Journal
- 5** Eunáte Gallardo-Vara; Lidia Ruiz-Llorente; Juan Casado-Vela; María J. Ruiz-Rodríguez; Natalia López-Andrés; Assit K. Pattnaik; Miguel Quintanilla; Carmelo Bernabeu. Endoglin Protein Interactome Profiling Identifies TRIM21 and Galectin-3 as New Binding Partners. *Cells*. 8 - 9, pp. 1082. MDPI, 07/09/2019.

Type of production: Scientific paper **Format:** Journal
- 6** Jose R. Naranjo; Hongyu Zhang; Diego Villar; Paz Gonzalez; Xose M. Dopazo; Javier Moron; Elena Higuera; Juan C. Oliveros; María D. Arrabal; Angela Prieto; Pilar Cercos; Teresa Gonzalez; Alicia De la Cruz; Juan Casado-Vela; Alberto Rabano; Carmen Valenzuela; Marta Gutierrez-Rodriguez; Jia-Yi Li; Britt Mellström. Activating transcription factor 6 derepression mediates neuroprotection in Huntington's disease. *Journal of Clinical Investigation*. 126(2), pp. 627 - 638. 12/11/2015.

Type of production: Scientific paper **Format:** Journal

Impact source: SCOPUS (SJR)



- 7** Paula Díez; Ricardo Jara-Acevedo; Noelia Dasilva; María González-González; Juan Casado-Vela; Quentin Lecrevisse; Raquel Bartolomé; José Carlos Claros; Alfredo González; Ricardo López; Alberto Orfao; Manuel Fuentes. High-throughput phage-display screening in array format. *Enzyme and Microbial Technology*. 79-80, pp. 34 - 41. Elsevier, 01/07/2015. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0141022915300260>>.
Type of production: Scientific paper **Format:** Journal
Position of signature: 5 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 11 **Corresponding author:** No
Impact source: WOS (JCR)
Impact index in year of publication: 2.32
- 8** Paula Díez; María González; Lucía Lourido; Rosa María Décano; Nieves Ibarrola; Juan Casado-Vela; Joshua Labaer; Manuel Fuentes. NAPPA as a Real New Way for Protein Microarray Generation. *Microarrays*. 4 - 2, pp. 214 - 227. MDPI Branch Office, 14/04/2015.
Type of production: Scientific paper **Format:** Journal
- 9** María González González; Raquel Bartolome; Ricardo Jara Acevedo; Juan Casado Vela; Noelia Dasilva; Sergio Matarraz; Jacinto García; J.A. Alcazar; J.M. Sayagues; Alberto Orfao; Manuel Fuentes. Evaluation of homo- & hetero-functionally activated glass surfaces for optimized antibody arrays. *Analytical Biochemistry*. 450, pp. 37 - 45. Elsevier, 07/01/2014.
Type of production: Scientific paper **Format:** Journal
Impact source: WOS (JCR)
Impact index in year of publication: 2,22
- 10** Prado, N.; de Dios Alche, J.; Casado-Vela, J.; de Linares, C.; Sanz, M.L.; Gamboa, P.; Villalba, M.; Rodríguez, R.; Batanero, E.. Nanovesicles are secreted during pollen germination and pollen tube growth: a possible role in fertilization. *Molecular Plant*. 7 - 3, pp. 573 - 577. Oxford Journals, 2014. ISSN 1674-2052
Type of production: Scientific paper **Format:** Journal
Impact source: WOS (JCR)
Impact index in year of publication: 6,34
- 11** Juan Casado Vela; Manuel Fuentes; Jose Manuel Franco Zorrilla. Screening of Protein-Protein and Protein-DNA Interactions Using Microarrays: Applications in Biomedicine. *Advances in Protein Chemistry and Structural Biology*. 95, pp. 231 - 281. Elsevier, 2014. ISSN 1876-1623
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
Impact source: WOS (JCR)
Impact index in year of publication: 3.04
- 12** J. Casado-Vela; Matthiesen, R.; Sellés, S.; Naranjo, JR .. Protein-Protein Interactions: Gene Acronym Redundancies and Current Limitations Precluding Automated Data Integration. *Proteomes*. 1 - 1, pp. 3 - 24. MDPI, 16/05/2013.
Type of production: Scientific paper **Format:** Journal
- 13** Juan Casado Vela; María González González; Sergio Matarraz; María José Martínez Esteso; Maite Vilella; María José Sayagués; Manuel Fuentes. Protein arrays: recent achievements and their application to study the human proteome. *Current Proteomics*. Bentham Publishers, 16/04/2013. ISSN 1570-1646
Type of production: Scientific paper **Format:** Journal
Impact source: WOS (JCR)
Impact index in year of publication: 0.44



- 14** M. Azkargorta; E. Rodriguez; I. Iloro; I. Escobés; N. Alkorta; J. Casado; R Prado; G. Orive; E. Anitua; F. Elortza. A high-throughput approach to plasma rich in growth factors (PRGF-Endoret) fibrin interactome characterization. *Journal of Tissue Engineering and Regenerative Medicine*. 9 - 11, pp. 1 - 12. WILEY-BLACKWELL, 2013.
Type of production: Scientific paper **Format:** Journal
Impact source: WOS (JCR)
Impact index in year of publication: 4,43
- 15** Juan Casado-Vela; Juan Carlos Lacal; Felix Elortza. Protein chimerism: a novel source of protein diversity in humans adds complexity to bottom-up proteomics. *Proteomics*. 13 - 1, pp. 5 - 11. Wiley, 2013.
Type of production: Scientific paper **Format:** Journal
Impact source: WOS (JCR)
Impact index in year of publication: 3.97
- 16** Paula Díez; Noelia Dasilva; María González; Sergio Matarraz; Juan Casado; Alberto Orfao; Manuel Fuentes. Data Analysis Strategies for Protein Microarrays. *Microarrays*. 1 - 2, pp. 64 - 83. Open Access. Multidisciplinary Digital Publishing Institute. MDPI., 2012.
Type of production: Scientific paper **Format:** Journal
- 17** F. Lopitz; E. Rodriguez; F. Aillet; J. Casado-Vela; V. Lang; R. Matthiesen; F. Elortza; MS. Rodriguez. Integrative analysis of the ubiquitin proteome isolated using Tandem Ubiquitin Binding Entities (TUBEs). *Journal of Proteomics*. 75 - 10, pp. 2998 - 3014. Elsevier, 2012.
Type of production: Scientific paper **Format:** Journal
Impact source: WOS (JCR)
Impact index in year of publication: 3,17
Citations: 3
- 18** Maribel Navarro Muñoz; Meritxell Ibernou; Josep Bonet; Vanessa Pérez; Mari Cruz Pastor; Beatriz Bayés; Juan Casado-Vela; Maruja Navarro; Jordi Ara; Anna Espinal; Lourdes Fluvià; Assupta Serra; Dolores López; Ramón Romero. Uromodulin and alpha(1)-antitrypsin urinary peptide analysis to differentiate glomerular kidney diseases. *Kidney Blood Press Res*. 35 - 5, pp. 314 - 325. Karger, 2012.
Type of production: Scientific paper **Format:** Journal
Impact source: WOS (JCR)
Impact index in year of publication: 1.59
- 19** J. Casado-Vela; T. Gómez; A. Cebrián; N. Alvarez; JC. Lacal. Human urine proteomics: building a list of human urine cancer biomarkers. *Expert Review of Proteomics*. 8 - 3, pp. 347 - 360. Expert Reviews Ltd., 2011.
Type of production: Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 3,69
Citations: 2
- 20** J. Casado-Vela; A. Cebrián; T. Gómez del Pulgar; JC. Lacal. Approaches for the study of cancer: towards the integration of genomics, proteomics and metabolomics. *Clinical & Translational Oncology*. 13 - 9, pp. 617 - 628. Springer, 2011.
Type of production: Scientific paper **Format:** Journal
Impact source: WOS (JCR)



Impact index in year of publication: 1,32

Citations: 3

- 21** N. Fernández; M. Hernández; J. Casado-Vela; R. Bru; F. Elortza; P. Hedden; E. Olmos. Changes to the proteome and metabolome of xylem sap in Brassica oleracea in response to salt stress. *Plant Cell & Environment*. 34 - 5, pp. 821 - 826. 2011. ISSN 0140-7791

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 5.21

Citations: 3

- 22** J. Casado-Vela; A. Cebrián; T. Gómez; E. Sánchez; M. Vilaseca; L. Menchen; C. Diema; S. Selles; MJ. Martínez; N. Yubero; R. Bru; JC. Lacal. Lights and shadows of proteomic technologies for the study of protein species including isoforms, splicing variants and protein post-translational modifications. *Proteomics*. 11, pp. 590 - 603. Wiley, 2011.

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 4.50

Citations: 8

- 23** MJ. Martínez; J. Casado-Vela; S. Sellés; F. Elortza; MA. Pedreño; R. Bru. iTRAQ-based profiling of grape berry exocarp proteins during ripening using a parallel mass spectrometric method. *Molecular Biosystems*. 7, pp. 749 - 765. 2011. ISSN 1742-206X

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 3.53

Citations: 1

- 24** J. Casado-Vela; MJ. Martínez; E. Rodriguez; E. Borrás; F. Elortza; R. Bru. iTRAQ-based quantitative analysis of protein mixtures with large fold change and dynamic range. *Proteomics*. 10 - 2, pp. 343 - 347. Wiley, 2011.

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 4.50

Citations: 16

- 25** D. Casagolda; B. del Valle; G. Valls; E. Lugalde; M. Vinyoles; J. Casado-Vela; G. Solanas; E. Batlle; AB. Reynolds; JI. Casal; A. García de Herreros; M. Dunach. A p120-catenin-CK1 epsilon complex regulates Wnt signaling. *Journal of Cell Science*. 123 - 15, pp. 2621 - 2631. The Company of Biologists Ltd, 2010. ISSN 0021-9533

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 6.29

Citations: 19

- 26** J. Casado-Vela; B. Muries; M. Carvajal; I. Iloro; F. Elortza; MC. Martínez. Analysis of root plasma membrane aquaporins from Brassica oleracea: post-translational modifications, de novo sequencing and detection of isoforms by high resolution mass spectrometry. *Journal of Proteome Research*. 9 - 7, pp. 3479 - 3494. American Chemical Society, 2010. ISSN 1535-3893



Type of production: Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 5.46

Format: Journal

Citations: 5

- 27** E. Guillou; A. Ibarra; V. Coulon; J. Casado-Vela; I. Casal; D. Rico; E. Schwob; A. Losada; J. Mendez. Cohesin organizes chromatin loops at DNA replication factories. *Genes & Development*. 15 - 24, pp. 2812 - 2822. CSH Press, 2010. ISSN 0890-9369

Type of production: Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 12.89

Format: Journal

Citations: 24

- 28** S. Gómez; E. Monfort; E. Larriba; J. Casado-Vela; F. Elortza; Hans-Börje Jansson; J. Salinas; J. Martín-Nieto. Expression of serine proteases in egg-parasitic nematophagous fungi during barley root colonization. *Fungal Genetics and Biology*. 47 - 4, pp. 342 - 351. Elsevier, 2010. ISSN 1087-1845

Type of production: Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 3.33

Format: Journal

Citations: 6

- 29** MJ Larriba; J. Casado-Vela; N. Pendás; R. Peña; A. García de Herreros; MT. Berciano; M. Lafarga; J.I. Casal; A. Muñoz. Novel Snail1 Target Proteins in Human Colon Cancer Identified by Proteomic Analysis. *Plos One*. 5 - 4, pp. e10221. Plos.Org, 2010. ISSN 1932-6203

Type of production: Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 4.41

Format: Journal

Citations: 14

- 30** J. Casado-Vela; E. Rodriguez; I. Iloro; N. Alkorta; E. Fernandez; JA. García-Velasco; R. Matorras.; A. González; A. Ametzazurra; D. Nagore; JM. Mato; F. Elortza. Comprehensive proteomic analysis of human endometrial fluid aspirate. *Journal of Proteome Research*. 8 - 10, pp. 4622 - 4632. ACS Publications, 2009. ISSN 1535-3893

Type of production: Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 5,13

Format: Journal

Citations: 26

- 31** J. Casado-Vela; J. Martínez; JI Casal. Differential phosphorylation patterns between the Cyclin-A2/CDK2 complex and their monomers. *Protein expression and purification*. 66 - 1, pp. 15 - 21. Elsevier, 2009. ISSN 1046-5928

Type of production: Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 1.56

Format: Journal

Citations: 4



- 32** S. Selles; I. Luque; J. Casado-Vela; MJ. Martínez; R. Bru. Proteomics of multigenic families from species underrepresented in databases: the case of loquat (*Eriobotrya japonica* Lindl) polyphenol oxidases. *Journal of Proteome Research*. 7 - 9, pp. 4095 - 4106. ACS publications, 2008.

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 5.68

Citations: 8

- 33** J. Casado-Vela; EJ. Ruiz; AR. Nebreda; JI. Casal. A combination of neutral loss and targeted product ion scanning with two enzymatic digestions facilitates the comprehensive mapping of phosphorylation sites. *Proteomics*. 7, pp. 2522 - 2529. Wiley, 2007.

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 5,48

Citations: 12

- 34** J. Casado-Vela; S. Selles; J. Mataix; I. Gomez. Effect of composted sewage sludge application to soil on sweet pepper crop (*Capsicum annuum* var. *annuum*) grown under two exploitation regimes. *Waste Management*. 27 - 11, pp. 1509 - 1518. Elsevier, 2007.

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 1,34

Citations: 25

- 35** S. Selles; J. Casado-Vela; R. Bru. Effect of detergents, trypsin and unsaturated fatty acids on latent loquat fruit polyphenol oxidase. Basis for the enzyme's activity regulation. *Archives of Biochemistry and Biophysics*. 464 - 2, Elsevier, 2007.

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 2.58

Citations: 6

- 36** J. Casado-Vela; S. Selles; J. Navarro; MA Bustamante; J. Mataix; C. Guerrero; I. Gómez. Evaluation of composted sewage sludge as nutritional source for horticultural soils. *Waste Management*. 26 - 9, pp. 946 - 952. Elsevier, 2006. ISSN 0956-053X

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 1,22

Citations: 4

- 37** S. Selles; J. Casado-Vela; R. Bru. Isolation of a latent polyphenol oxidase from loquat fruit (*Eriobotrya japonica* Lindl.). Kinetic characterization and comparison with the active form. *Archives of Biochemistry and Biophysics*. 446, pp. 175 - 185. Elsevier, 2006. ISSN 0003-9861

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 2.97



Citations: 30

- 38** R. Bru; S. Selles; J. Casado-Vela; S. Belchi; MA. Pedreño. Modified cyclodextrins are chemically-defined glucan inducers of defence responses in grapevine cell cultures. *Journal of Agricultural and Food Chemistry*. 54 - 1, pp. 65 - 71. ACS Publications, 2006. ISSN 0021-8561

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 2.32

Source of citations: Citations gadget Google Scholar **Citations:** 38

- 39** J. Casado-Vela; S. Selles; R. Bru. Proteomic analysis of tobacco mosaic virus infected tomato (*Lycopersicon esculentum* M.) fruits and detection of viral coat protein. *Proteomics*. 6, pp. 196 - 206. Wiley, 2006.

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 5,73

Citations: 29

- 40** M. Boix-Chornet; M. Fraga; A. Villar-Garea; R. Caballero; J. Espada; A. Núñez; J. Casado-Vela; C. Largo; JI. Casal; JC. Cigudosa; L. Franco; M. Esteller; E. Ballestar. Release of hypoacetylated and trimethylated histone H4 is an epigenetic marker of early apoptosis. *Journal of Biological Chemistry*. 281, pp. 135040 - 13547. American Society for Biochemistry and Molecular Biology Inc., 2006.

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 5,80

Citations: 29

- 41** J. Casado-Vela; S. Selles; R. Bru. Proteomic approach to blossom-end rot in tomato fruits (*Lycopersicon esculentum* M.). Antioxidant enzymes and the pentose phosphate pathway. *Proteomics*. 5, pp. 2488 - 2496. Wiley, 2005.

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 6,09

Source of citations: SCOPUS **Citations:** 32

- 42** J. Casado-Vela; S. Selles; R. Bru. Purification and kinetic characterization of polyphenol oxidase (PPO) from tomato fruits (*Lycopersicon esculentum* cv. Muchamiel). *Journal of Food Biochemistry*. 29 - 4, pp. 381 - 401. Wiley, 2005. ISSN 0145-8884

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 0.63

Citations: 18

- 43** J. Casado-Vela; S. Selles; I. Gómez; R. Bru. A correlation study of loquat (*Eriobotrya japonica* cv. Algeria) fruit quality parameters: flesh firmness and purple spotting. *Option méditerranéennes*. 58, pp. 187 - 190. International Centre for Advanced Mediterranean Agronomic Studies, 2003. Available on-line at: <<http://ressources.ciheam.org/util/search/detail.php?type=auteur&mot=Casado+Vela+J.&langue=fr>>.

Type of production: Scientific paper

Format: Journal

**Citations: 1**

- 44** J. Casado-Vela; S. Selles; I. Gómez; R. Bru. Evolution of phenolics and polyphenoloxidase isoenzymes in relation to physical-chemical parameters during loquat (*Eriobotrya japonica* cv. Algerie) fruit development and ripening. *Option méditerranéennes*. 58, pp. 161 - 164. International Centre for Advanced Mediterranean Agronomic Studies, 2003. Available on-line at: <<http://ressources.ciheam.org/util/search/detail.php?type=auteur&mot=Casado+Vela+J.&langue=fr>>.
Type of production: Scientific paper **Format:** Journal
Citations: 4
- 45** Juan Casado-Vela; Paula Díez; Manuel Fuentes. Nanotechnology in the Fabrication of Protein Microarrays. *Methods in Molecular Biology*. 1368, pp. 197 - 208. SpringerLink, 01/09/2016.
Type of production: Book chapter **Format:** Journal
Corresponding author: Yes
- 46** Paula Díez; Rosa M. Décano; Nieves Ibarrola; Juan Casado-Vela; Manuel Fuentes. Genomics and Proteomics for Biomarker Validation. *Biomarker Validation: Technological, Clinical and Commercial Aspects*. 12 - 1, pp. 231 - 242. Wiley-VCH Verlag GmbH & CO., 16/12/2014.
Type of production: Book chapter **Format:** Book
Position of signature: 4 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
- 47** Martínez-Esteso, M.J.; Casado-Vela, J.; Sellés-Marchart, S.; Pedreño, M.A.; Bru-Martínez, R.. Differential Plant Proteome Analysis by Isobaric Tags for Relative and Absolute Quantitation (iTRAQ). *Methods in Molecular Biology*. 1072, pp. 155 - 169. Humana Press, 2014. ISBN 978-1-62703-631-3
Type of production: Book chapter
- 48** Sabater-Jara, AB.; Almagro, L.; Belchí-Navarro, S.; Martínez-Esteso, M.J.; Youssef, S.M.; Casado-Vela, J.; Vera-Urbina, J.C.; Sellés-Marchart, S.; Bru-Martínez, R.; Pedreño, M.A.. Suspension-Cultured Plant Cells as a Tool to Analyze the Extracellular Proteome. *Methods in Molecular Biology*. 1072, pp. 407 - 433. Humana Press, 2014. ISBN 978-1-62703-631-3
Type of production: Book chapter
- 49** A. Cebrián; L. Menchén; E. Sánchez; J. Casado-Vela; S. Díaz; M. Cascante; T. Gómez; JC Lacal. Biological methods for metabolomic research. *Methodologies for metabolomics. Experimental strategies and techniques*. pp. 54 - 75. Cambridge University Press. Cambridge University Press, 2013.
Collection: Cambridge University Press.
Type of production: Book chapter **Format:** Book
Degree of contribution: Author or co-author of chapter in book
Relevant results: ISBN-13: 9780521765909
- 50** J. Casado; JI. Casal. Preclinical development handbook. *Toxicology*. pp. 839 - 867. John Wiley and Sons, 2008.
Type of production: Book chapter **Format:** Book



Works presented at national or international conferences

- 1** **Title of the work:** Focus on arrays for the screening of novel protein interactions and their application to decipher the current status of the human KCNIP3/Calsenilin/KChIP3 interactome.
Name of the conference: Cell division and Reconstruction Workshop
City of event: Madrid, Spain
Date of event: 28/02/2014
End date: 28/02/2014
Organising entity: Centro Nacional de Biotecnología **Type of entity:** State agency
- 2** **Title of the work:** Screening of novel protein interactions and their application to decipher the current status of the human DREAM/Calsenilin/KChIP3 interactome.
Name of the conference: First INMUNOTHERCAN Symposium From Inflammation To Cell Plasticity: The New Hallmarks Of Cancer
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 27/11/2013
End date: 28/11/2013
Organising entity: INMUNOTHERCAN
City organizing entity: Madrid,
Casado-Vela, J.; Fuentes, M.; Dopazo, J.; Perez, P.; Dasilva, N.; González-González, M.; Mellström, B.; Naranjo, J.R.
- 3** **Title of the work:** The current status of the human DREAM/Calsenilin/KChIP3 interactome: focus on ProtoArrays for the screening of novel protein interactions.
Name of the conference: HUPO World Congress 2013
City of event: Yokohama, Japan
Date of event: 14/09/2013
End date: 18/09/2013
Organising entity: HUPO **Type of entity:** Associations and Groups
Jose Ramón Naranjo; Manuel Fuentes; Jose Dopazo; Brit Mellstrom; María Gonzalez Gonzalez; Dasilva Noelia; Juan Casado Vela.
- 4** **Title of the work:** Combination of experimental and in-silico approaches for the identification of binary protein-protein interactions. Possible pitfalls and the need for data integration
Name of the conference: High-throughput -omics and data integration workshop (COST action SeqAhead).
City of event: Barcelona, Spain
Date of event: 13/02/2013
End date: 15/02/2013
Organising entity: COST action SeqAhead
Juan Casado-Vela; Xose M. Dopazo; Paz González; Britt Mellström; Jose Ramón Naranjo; Manuel Fuentes.
- 5** **Title of the work:** Human urine proteomics; building a list of human urine cancer biomarkers
Name of the conference: XIII Congreso de la Asociación Española de Investigación sobre el Cáncer (ASEICA)
City of event: Salamanca, Spain
Date of event: 21/09/2011
End date: 23/09/2013
Organising entity: ASEICA



Casado-Vela, J.; Gómez del Pulgar, T.; Cebrián, A.; Álvarez-Ayerza, N.; Lacal, J.C.

- 6** **Title of the work:** Characterization of PRGF-activated fibrin clot interactome by 2-DE and LC-MS/MS
Name of the conference: 4 th congress of the Spanish Proteomics Society
City of event: Segovia, Castilla y León, Spain
Date of event: 01/09/2011
Organising entity: SEPROT **Type of entity:** Associations and Groups
M. Azkargorta; E. Rodriguez; I. Iloro; I. Escobés; N. Alkorta; J. Casado; R. Prado; R. Prado; G. Orive; E. Anitua; F. Elortza.
- 7** **Title of the work:** Label-free differential quantitative proteomics of grapevine cell cultures: performance of two different mass spectrometric platforms.
Name of the conference: New trends in proteomics. 4th congress of the Spanish Proteomics Society
City of event: Segovia, Spain
Date of event: 08/02/2011
End date: 11/02/2011
Organising entity: Spanish Proteomics Society
Martinez Estesó, MJ., Casado-Vela J, Sellés Marchart S., Elortza F., Pedreño MA, Bru Martínez R.
- 8** **Title of the work:** Phosphoprotein enrichment from soluble and microsomal fractions of grapevine (*Vitis vinifera* cv. Gamay) cell culture using metal oxide affinity chromatography (MOAC). New trends in proteomics
Name of the conference: 4th congress of the Spanish Proteomics Society
City of event: Segovia, Spain
Date of event: 08/02/2011
End date: 11/02/2011
Organising entity: Spanish Proteomics Society
Martinez Estesó, MJ., Sellés Marchart S., Nühse TS., Casado-Vela J. , Vera Urbina JC., Morante Carri.
- 9** **Title of the work:** Comprehensive proteomic analysis of human endometrial fluid aspirate
Name of the conference: Congress of the Spanish Proteomics Society
City of event: Córdoba, Andalucía, Spain
Date of event: 01/03/2010
End date: 01/03/2010
Organising entity: SEPROT
J. Casado-Vela; MJ. Martínez; E. Rodriguez; E. Borrás; F. Elortza; R. Bru.
- 10** **Title of the work:** Human urine proteomics; building a list of human urine cancer biomarkers
Name of the conference: XIII Congreso de la Asociación Española de Investigación sobre el Cáncer.
City of event: Salamanca, Castilla y León, Spain
Date of event: 01/01/2010
Organising entity: ASEICA **Type of entity:** Associations and Groups
J. Casado-Vela; T. Gómez; A. Cebrian; N. Alvarez; JC Lacal.
- 11** **Title of the work:** Proteomics: new tools to identify and quantify complex mixtures of proteins
Name of the conference: 1st Meeting on Emerging Technologies
Type of event: Training Session **Geographical area:** Non EU International
Type of participation: Participatory - oral communication **Reasons for participation:** Upon invitation
City of event: Bilbao, País Vasco, Spain
Date of event: 25/11/2009



End date: 26/11/2009

Organising entity: AZTI Tecnalia

Type of entity: Technological Centre

City organizing entity: Bilbao, País Vasco, Spain
Juan Casado-Vela.

- 12** **Title of the work:** Cohesin organizes chromatin loops and replicon size in human cells
Name of the conference: Cold Spring Harbor Laboratory Meetings. Eukaryotic DNA replication & genome maintenance. Cold Spring Harbor Laboratory
City of event: Cold Spring Harbor, United States of America
Date of event: 01/06/2009
Organising entity: Cold Spring Harbor Laboratory
E. Guillou; A. Ibarra; V. Coulon; J. Casado-Vela; I. Casal; E. Schwob; A. Losada; J. Mendez.
- 13** **Title of the work:** Phosphoproteome analysis in cancer research.
Name of the conference: Fundación Ramón Areces. Fosfoproteómica funcional y señalización celular
City of event: Madrid, Madrid, Comunidad de, Spain
Date of event: 01/05/2009
Organising entity: Fundación Ramón Areces.
J. Casado-Vela; JI. Casal.
- 14** **Title of the work:** Using de novo sequencing to study the release of allergen-bearing particles from germinated pollen.
Name of the conference: 18 th International Mass Spectrometry Conference (IMSC)
City of event: Bremen, Germany
Date of event: 01/03/2009
End date: 01/03/2009
Organising entity: IMSC
J. Casado-Vela; N. Prado; M. Villalba; R. Rodriguez; E. Batanero; F. Elortza.
- 15** **Title of the work:** Purification and kinetic and molecular characterization of polyphenol oxidase from tomato fruits.
Name of the conference: 27th Meeting of the Federation of European Biochemical Societies
City of event: Lisbon, Portugal
Date of event: 30/06/2005
End date: 05/07/2001
Organising entity: Federation of the Societies of Biochemistry and Molecular Biology
J. Casado; R. Bru; Gómez I."EJB. The FEBS Journal".
- 16** **Title of the work:** Caracterización de isoenzimas de Polyphenol oxidasa (PPO) en frutos
Name of the conference: XXIV Congreso de la Sociedad Española de Bioquímica y Biología Molecular
City of event: Valencia, Comunitat Valenciana, Spain
Date of event: 18/09/2001
End date: 21/09/2001
Organising entity: SEBBM. Sociedad Española de Bioquímica y Biología Molecular
Type of entity: Associations and Groups
J. Casado; R. Bru; I. Gomez.



Works presented at national or international seminars, workshops and/or courses

Title of the work: Nuevas herramientas de financiación de la investigación con fondos privados. Experiencias de agentes del sistema de ciencia.

Name of the event: XXX Jornadas de Investigación de las Universidades Españolas

Corresponding author: Yes

City of event: Cuenca, Castilla-La Mancha, Spain

Date of event: 14/11/2024

End date: 15/11/2024

Organising entity: CONFERENCIA DE RECTORES DE LAS UNIVERSIDADES ESPAÑOLAS

Casado Vela Director de Operaciones. "Nuevas herramientas de financiación de la investigación con fondos privados. Experiencias de agentes del sistema de ciencia."

R&D management and participation in scientific committees

R&D management

- 1 Name of the activity:** Director de inversiones y proyectos de I+D+i
Type of management: Management of R&D&I actions and projects
Performed tasks: Financiación e inversión en proyectos innovadores
Entity: ARQUIMEA group
Start date: 01/01/2020 **Duration:** 2 years
- 2 Name of the activity:** Director técnico de I+D+i. Implantación y auditor normativa I+D+i y sistemas de gestión de I+D+i (UNE 166001 y 166002)
Type of management: Group management
Performed tasks: Jefe de división evaluación técnica y económica de proyectos de I+D+i
Entity: OCA Instituto de Certificación
Start date: 21/06/2016 **Duration:** 3 years - 6 months
- 3 Name of the activity:** Coordinador de Proyectos I+D+i
Type of management: Management of R&D&I actions and projects
Performed tasks: Gestión I+D+i / R+D management
Entity: ENAC (European Quality Assurance)
Start date: 30/04/2015 **Duration:** 10 months
- 4 Name of the activity:** Consultor proyectos I+D+i
Type of management: Management of R&D&I actions and projects
Performed tasks: Consultor y gestión de proyectos I+D+i
Entity: (E&Y) Atomm Partners
Start date: 29/03/2014 **Duration:** 1 year
- 5 Name of the activity:** Redacción de proyectos europeos en el marco FP7 (como grupo participante)
Type of management: Management of R&D&I actions and projects
Performed tasks: Establecimiento de red internacional de centros y redacción de proyectos.
Entity: Centro Nacional de Biotecnología **Type of entity:** State agency
Start date: 01/02/2010 **Duration:** 2 years



- 6** **Name of the activity:** Response of antioxidant systems to plum pox virus CYCYT AGL2002-2115
Type of management: Management of R&D&I actions and projects
Performed tasks: Colaboración en investigación y gestión
Entity: Centro de Edafología y Biología Aplicada del Segura **Type of entity:** State agency
Start date: 04/12/2006 **Duration:** 2 years
- 7** **Name of the activity:** Development of molecular markers to plum pox virus
Type of management: Management of R&D&I actions and projects
Performed tasks: Colaboración en tareas de investigación
Entity: Centro de Edafología y Biología Aplicada del Segura **Type of entity:** State agency
Start date: 04/12/2006 **Duration:** 2 years
- 8** **Name of the activity:** Creación de la 'Red de investigación Universitaria en Proteómica y Genómica Funcional'
Type of management: Management of R&D&I actions and projects
Performed tasks: Participación como colaborador investigador y ciclo de seminarios
Entity: Universidad de Alicante y Universidad de Aberdeen (UK)
Start date: 23/11/2003 **Duration:** 2 years
- 9** **Name of the activity:** Adjunto a Dir. Gen. en multinacional
Type of management: Management of R&D&I actions and projects
Performed tasks: Head of project funding and tax equity
Entity: Ayming **Type of entity:** Business
Duration: 1 year
- 10** **Name of the activity:** Solicitud proyecto Plan Nacional, Retos
Type of management: Group management
Performed tasks: IP
Entity: Centro Nacional de Biotecnología **Type of entity:** State agency
- 11** **Name of the activity:** Solicitud (PI) proyecto PN_convocatoria Retos de la Sociedad
Type of management: Group management
Performed tasks: PI
Entity: Centro Nacional de Biotecnología **Type of entity:** State agency

Evaluation and revision of R&D projects and articles

- 1** **Name of the activity:** Doctor especialista I+D+i
Performed tasks: Gestor de proyectos I+D+i
Entity where activity was carried out: European Quality Assurance
Start date: 30/04/2015
- 2** **Name of the activity:** Consultoría y certificación de proyectos I+D
Performed tasks: Consultor gestor de proyectos I+D+i en empresa privada
Entity where activity was carried out: Atomm Partners **Type of entity:** Business
City of entity: Madrid, Madrid, Comunidad de, Spain
Type of activity: Consultoría



Access system: proceso de selección
Start date: 29/03/2014

Geographical area: National

Other achievements

Stays in public or private R&D centres

- 1** **Entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Faculty, institute or centre: Centro de Investigación del Cáncer
City of entity: Salamanca, Castilla y León, Spain
Start-End date: 01/03/2012 - 31/07/2012 **Duration:** 3 months
Goals of the stay: Post-doctoral
Provable tasks: Protein arrays y aplicación a estudio de interactoma de proteínas
- 2** **Entity:** Centro de Edafología y Biología Aplicada del Segura **Type of entity:** State agency
Faculty, institute or centre: Departamento de Nutrición Vegetal
Start-End date: 01/07/2010 - 08/07/2010 **Duration:** 7 days
Goals of the stay: Post-doctoral
Provable tasks: Bioquímica y biología molecular
- 3** **Entity:** Centro de Edafología y Biología Aplicada del Segura **Type of entity:** State agency
Faculty, institute or centre: Departamento de Nutrición Vegetal
Start-End date: 10/05/2010 - 17/05/2010 **Duration:** 7 days
Goals of the stay: Post-doctoral
Provable tasks: Bioquímica y biología molecular
- 4** **Entity:** Instituto de Investigación Biomédica de Barcelona (IRB) **Type of entity:** Foundation
City of entity: Barcelona, Cataluña, Spain
Start-End date: 06/04/2010 - 16/04/2010 **Duration:** 10 days
Goals of the stay: Post-doctoral
Provable tasks: Análisis mediante espectrometría de masas Top-down de proteínas intactas.
- 5** **Entity:** Parque Científico de Barcelona **Type of entity:** Technological Centre
Faculty, institute or centre: Parque Científico de Barcelona
City of entity: Barcelona, Cataluña, Spain
Start-End date: 01/02/2010 - 28/02/2010 **Duration:** 1 month
Goals of the stay: Post-doctoral
Provable tasks: proteómica cuantitativa, SILAC, bottom-up proteomics
- 6** **Entity:** Centro de Edafología y Biología Aplicada del Segura **Type of entity:** State agency
Faculty, institute or centre: Departamento de Nutrición Vegetal
City of entity: Murcia, Murcia, Región de, Spain
Start-End date: 01/08/2004 - 30/09/2004 **Duration:** 2 months
Goals of the stay: Post-doctoral



Provable tasks: Experimentación utilizando técnicas de bioquímica, biología molecular y proteómica.

- 7** **Entity:** Centro de Edafología y Biología Aplicada del Segura **Type of entity:** State agency
Start-End date: 16/08/2004 - 23/08/2004 **Duration:** 8 days
Goals of the stay: Post-doctoral
Provable tasks: Análisis de proteoma mediante electroforesis bidimensional
- 8** **Entity:** Centro de Edafología y Biología Aplicada del Segura **Type of entity:** State agency
Start-End date: 02/08/2004 - 09/08/2004 **Duration:** 8 days
Goals of the stay: Post-doctoral
Provable tasks: Purificación de fosfoproteínas y caracterización de modificaciones postraduccionales.
- 9** **Entity:** Universidad Miguel Hernández de Elche **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Experimentales
City of entity: Elche, Comunitat Valenciana, Spain
Start-End date: 01/01/2004 - 30/06/2004 **Duration:** 6 months
Goals of the stay: Doctorate
Provable tasks: Perfeccionamiento de técnicas en biología molecular, metabolómica, espectrometría de masas.
- 10** **Entity:** Institute of Medical Sciences **Type of entity:** R&D Centre
Faculty, institute or centre: University of Aberdeen
City of entity: Aberdeen, North Eastern Scotland, United Kingdom
Start-End date: 01/07/2003 - 31/12/2003 **Duration:** 6 months
Goals of the stay: Doctorate
Provable tasks: Especialización en técnicas proteómicas, geles bidimensionales y espectrometría de masas.
- 11** **Entity:** Universitat de València **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Biológicas
City of entity: Burjassot, Comunitat Valenciana, Spain
Start-End date: 20/05/2002 - 27/05/2002 **Duration:** 7 days
Goals of the stay: Doctorate
Provable tasks: Uso de peptidotecas combinatorias para la identificación de inhibidores enzimáticos de naturaleza peptídica
- 12** **Entity:** Instituto de Biología Molecular y Celular de Plantas Eduardo Primo Yúfera **Type of entity:** State agency
Faculty, institute or centre: Consejo Superior de Investigaciones Científicas
City of entity: Valencia, Comunitat Valenciana, Spain
Start-End date: 01/07/2001 - 31/12/2001 **Duration:** 6 months
Goals of the stay: Doctorate
Provable tasks: Perfeccionamiento de técnicas de biología molecular, cultivo in vitro y transformación genética.



Obtained grants and scholarships

- 1 **Name of the grant:** Becas con cargo a Proyectos de Investigación para Licenciados/Diplomados.
Referencia: ADL2567
Aims: Post-doctoral
Awarding entity: Universidad de Alicante **Type of entity:** University
Conferral date: 01/06/2004 **Duration:** 7 months
End date: 17/01/2005
Entity where activity was carried out: Universidad de Alicante
Faculty, institute or centre: Facultad de Ciencias
- 2 **Name of the grant:** FPI Formación de Personal Investigador
Aims: Pre-doctoral
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA
Conferral date: 01/06/2000 **Duration:** 4 years
End date: 31/05/2004
Entity where activity was carried out: Universidad de Alicante
- 3 **Name of the grant:** Beca de apoyo a la investigación
Aims: Pre-doctoral
Awarding entity: Diputación Provincial de Alicante
Conferral date: 02/05/1999 **Duration:** 1 year
End date: 31/05/2000
Entity where activity was carried out: Universidad de Alicante

Prizes, mentions and distinctions

Description: Premio emprendimiento científico. Categoría Tecnología y Ciencias Sociales.
Awarding entity: Centro de Estudios Fiscales CEF-UDIMA
City awarding entity: Madrid, Madrid, Comunidad de, Spain
Conferral date: 07/05/2025

Periods of research activity and knowledge transfer

Name of the action: Transferencia de IP-software a empresa
Certifying entity: Registro de la propiedad intelectual **Type of entity:** Comunidad de Madrid
Date of recognition: 20/09/2024
Type of activity: Knowledge transfer
Starting year: 2024
Completion date: 2024
Evaluation period: :/:/:
Call year: 2024



Other merits of research activity

Actividades y promoción de transferencia tecnológica.

- 1 software aplicativo registrado en Registro Propiedad Intelectual de la Comunidad de Madrid.
- 1 transferencia tecnológica a KnowTransfer (<https://knowtransfer.com/>), el primer MarketPlace de productos y servicios científicos en España.