



Ester Pérez Martín

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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.

Dr. Ester Pérez-Martín (28) is a neurobiologist at the medtech company Neuroscience Innovative Technologies S.L. (Neurostech), where she focuses on developing and evaluating of cutting-edge therapeutic approaches for neurological diseases. She holds certifications for the care, handling, and procedures of experimental animals (functions A, B and C of the Spanish Legislation ECC566/2015 and American Office of Laboratory Animal Welfare), for the design of research projects involving animal testing (function D) and for the "in situ" animal welfare monitoring (function E).

Graduated in Biology (2016) and specialized in Neurosciences (MSc, 2017) from University of Salamanca (Spain), she first developed the work "Prevention of cerebellar neurodegeneration in the mutant mouse PCD: temporary optimization of OEA treatment" at the Institute of Neurosciences of Castilla y León (INCYL) for which she was awarded both the Extraordinary BS and MSc Degree Awards.

During her PhD (2017-2022), under the supervision of Prof. Eduardo Weruaga and Dr. David Díaz at the Neuronal Plasticity and Neurorepair Lab (INCYL), she investigated the neuroprotective potential of innovative cell- and drug-based therapies. She demonstrated significant scientific independence, leading the experimental design of her thesis project by contributing original research ideas. In 2021, she completed a 3-month research stay with Prof. Kamran Khodakhah at the Albert Einstein College of Medicine (New York, US), further expanding her expertise. She defended her PhD thesis in 2022 entitled "Cell therapy combined with the neuroprotective drug oleoylethanolamide in a mouse model of selective neuronal degeneration", obtaining the highest qualification, International mention and Extraordinary PhD Award.

Three months before defending her PhD, she joined Neurostech as an industrial postdoctoral researcher in collaboration with the research group Intervenciones Traslacionales para la Salud at University of Oviedo, where she is assessing the efficacy of an intrathecal medical device for passive immunotherapy before progressing to clinical trial. Currently, as a Torres Quevedo Fellow, she is also working on the development of a novel medical platform for the safe and controlled release of drug into the human nervous system.

Her commitment to science transcends the laboratory, being deeply involved in the transfer of science in outreach events (Brain Awareness Week, European Researchers' Night, Science Week, Pint of Science) and in activities promoting the visibility of women in science (International Day of Women and Girls in Science, Women's Neuroscience Day).

B.1. Breve descripción del Trabajo de Fin de Grado (TFG) y puntuación obtenida

Infectious diseases of the Central Nervous System / Neuropatologías infecciosas (8.6/10, Extraordinary BSc Degree Award)

The central nervous system (CNS) is composed of the brain and spinal cord and was long thought to be immune-privileged. However, recent studies have shown that the CNS has resident immune cells and undergoes periodic immunosurveillance, making it an immunocompetent organ. Infections of the CNS are common in emergency care



and can have various origins, including bacterial, parasitic, fungal, and viral. This review focuses on virus-induced CNS diseases due to their significant burden on global health. The complexity of these diseases stems from the wide range of neurotropic viruses, their diverse routes of entry into the CNS, viral tropism, and immune response. Despite the diversity of neurotropic viruses, there are three primary clinical features: meningitis, encephalitis, and myelitis. Furthermore, recent evidence suggests that viruses may be the etiologic agent or a primary trigger for various autoimmune and neurodegenerative diseases.

B.2. Breve descripción del Trabajo de Fin de Máster (TFM) y puntuación obtenida

Prevention of cerebellar neurodegeneration in the PCD mutant mouse: temporal optimization of OEA treatment (9.6/10 with honors, Extraordinary MSc Degree Award)

The Purkinje cell degeneration (PCD) mutant mouse is a genetic model characterized by the progressive death of Purkinje cells, a specific neuronal population of the cerebellum. The loss of these cells results in early cerebellar ataxia, which is the hallmark phenotype of the PCD mice. The endocannabinoid agonist of nuclear PPAR α receptor, n-oleoylethanolamide (OEA), has been shown to have neuroprotective properties in PCD mutant mice when administered before the onset of cerebellar alterations. In this study, we aimed to compare the neuroprotective effects of OEA administration at P12 and P14 to expand the effective temporal window of this drug. Our findings suggest that acute administration of OEA at P12 has better neuroprotective effects than treatment at P14 in PCD mutant mice. These neuroprotective effects include the prevention of morphological alterations and the improvement of cellular stability of Purkinje cells. In conclusion, the age of OEA administration is critical when used as a neuroprotective drug in the PCD mouse model.



Ester Pérez Martín

Surname(s): **Pérez Martín**
 Name: **Ester**
 ORCID: **0000-0001-8953-9018**

Current professional situation

- 1** **Employing entity:** Neuroscience Innovative Technologies S.L. (Neurostech) **Type of entity:** Business
Professional category: Torres Quevedo Postdoctoral Researcher / Investigadora Postdoctoral Torres Quevedo (PTQ2022-012644)
Start date: 04/12/2023
Type of contract: Permanent employment contract **Dedication regime:** Full time
Primary (UNESCO code): 240700 - Cell biology; 249000 - Neurosciences; 331400 - Medical technology
Secondary (UNESCO code): 240700 - Cell biology; 249000 - Neurosciences; 321308 - Neurosurgery; 331400 - Medical technology
Performed tasks: Stereotaxic surgeries, intracerebral and intraventricular cannula implantation, cerebrospinal fluid sampling via cisterna magna, automated behavioral testing with Ethovision, histological analyses, supervision of research projects.
Identify key words: Molecular mechanism of disease; Laboratory animals; Medical equipment
- 2** **Employing entity:** Neuroscience Innovative Technologies S.L. (Neurostech) **Type of entity:** Business
Professional category: R&D Postdoctoral Researcher / Investigadora Postdoctoral en I+D+i
Start date: 01/04/2022
Type of contract: Permanent employment contract **Dedication regime:** Full time
Primary (UNESCO code): 240700 - Cell biology; 249000 - Neurosciences; 331400 - Medical technology
Secondary (UNESCO code): 240700 - Cell biology; 249000 - Neurosciences; 321308 - Neurosurgery; 331400 - Medical technology
Performed tasks: Stereotaxic surgeries, intracerebral and intraventricular cannula implantation, cerebrospinal fluid sampling via cisterna magna, automated behavioral testing with Ethovision, histological analyses, supervision of research projects.
Identify key words: Molecular mechanism of disease; Laboratory animals; Medical equipment

Previous positions and activities

	Employing entity	Professional category	Start date
1	University of Salamanca / Universidad de Salamanca	Predoctoral researcher / Investigador Predoctoral en Formación FPU Ministerio de Universidades (FPU16/04259)	20/10/2017



	Employing entity	Professional category	Start date
2	Albert Einstein College of Medicine	Visitant researcher / Investigadora visitante	13/09/2021
3	Ministry of Education, Culture and Sports / Ministerio de Educación, Cultura y Deporte	Collaborative Research Scholarship / Beca de colaboración en Departamentos Universitarios	30/10/2015
4	Institute for Neuroscience of Castile and Leon (INCYL) / Instituto de Neurociencias de Castilla y León (INCYL)	Internship student / Estudiante en prácticas	01/07/2015

- 1** **Employing entity:** University of Salamanca / Universidad de Salamanca
Department: Department of Cell Biology and Pathology, University of Salamanca, Institute for Neuroscience of Castile and Leon (INCYL) / Instituto de Neurociencias de Castilla y León (INCYL)
City employing entity: Salamanca, Spain
Professional category: Predoctoral researcher / Investigador Predoctoral en Formación FPU Ministerio de Universidades (FPU16/04259) **Leadership and management (Y/N):** Yes
Start-End date: 20/10/2017 - 19/03/2022 **Duration:** 4 years - 5 months
Type of contract: Predoctoral Contract for the training of University Faculty / Ayuda para contratos predoctorales para la Formación de Profesorado Universitario (FPU16/04259)
Dedication regime: Full time
Primary (UNESCO code): 240700 - Cell biology; 249000 - Neurosciences
Performed tasks: Evaluation of the neuroprotective properties of combined cell and pharmacological treatments in a mouse model of selective neuronal degeneration.
Area of leadership and/or management activity: University
Applicability in teaching and/or research: Teaching collaboration in subjects related to cell biology and histology of the Department of Cell Biology and Pathology of the University of Salamanca.
- 2** **Employing entity:** Albert Einstein College of Medicine **Type of entity:** R&D Centre
Department: Department of Neuroscience, Albert Einstein College of Medicine, Rose F. Kennedy Research Center
City employing entity: New York, United States of America
Professional category: Visitant researcher / Investigadora visitante
Start-End date: 13/09/2021 - 11/12/2021 **Duration:** 3 months
Type of contract: Ayudas de movilidad para estancias breves en otros centros españoles y extranjeros y para traslados temporales a centros extranjeros a beneficiarios del Subprograma de Formación del Profesorado Universitario (EST19/00381)
Dedication regime: Full time
Performed tasks: Surgical and experimental procedures for "in vivo" electrophysiological recordings in the cerebellum of Purkinje Cell Degeneration mutant mouse.
- 3** **Employing entity:** Ministry of Education, Culture and Sports / Ministerio de Educación, Cultura y Deporte
Professional category: Collaborative Research Scholarship / Beca de colaboración en Departamentos Universitarios
Start-End date: 30/10/2015 - 08/07/2016 **Duration:** 8 months
- 4** **Employing entity:** Institute for Neuroscience of Castile and Leon (INCYL) / Instituto de Neurociencias de Castilla y León (INCYL)
Professional category: Internship student / Estudiante en prácticas
Start-End date: 01/07/2015 - 11/09/2015 **Duration:** 30 days



Education

University education

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

1 University degree: Higher degree

Name of qualification: MSc in Neuroscience (Average grade: 9,54/10) / Máster Universitario en Neurociencias (Nota media: 9,54/10)

City degree awarding entity: Salamanca, Castile and León, Spain

Degree awarding entity: University of Salamanca / **Type of entity:** University
Universidad de Salamanca

Date of qualification: 31/07/2017

Average mark: Outstanding

Prize: Extraordinary MSc Degree Award / Premio extraordinario de Máster (14/03/2018)

2 University degree: Higher degree

Name of qualification: Bachelor's Degree in Biology (Average grade: 9,36/10) / Graduada en el Grado Biología (Nota media: 9,36/10)

City degree awarding entity: Salamanca, Castile and León, Spain

Degree awarding entity: University of Salamanca / **Type of entity:** University
Universidad de Salamanca

Date of qualification: 26/07/2016

Average mark: Outstanding

Prize: Extraordinary BSc Degree Award / Premio extraordinario de Grado (14/03/2017)

Doctorates

Doctorate programme: PhD in Neuroscience / Doctorado en Neurociencias (R.D. 99/2011; "Cum Laude" and International Mentions / Sobresaliente "Cum Laude" con Mención Internacional)

Degree awarding entity: University of Salamanca / **Type of entity:** University
Universidad de Salamanca

City degree awarding entity: Salamanca, Spain

Date of degree: 22/07/2022

European doctorate: Yes

Date of certificate: 22/07/2022

Thesis title: Cell therapy combined with the neuroprotective drug oleylethanolamide in a mouse model of selective neuronal degeneration / Terapia celular combinada con el fármaco neuroprotector N-oleiletanolamina en un modelo murino de degeneración neuronal selectiva

Thesis director: Eduardo Weruaga Prieto

Thesis co-director: David Díaz López

Obtained qualification: "Cum Laude" and International Mentions, Extraordinary PhD Award / Sobresaliente "Cum Laude" con Mención Internacional, Premio Extraordinario de Doctorado

Recognition of quality: Yes

Special doctorate award: Yes

Date of award: 21/12/2023



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

- 1 Training title:** Jornada Salamanca por Cajal y la Ciencia
Awarding entity: Universidad de Salamanca, Ayuntamiento de Salamanca, Unidad Pontificia de Salamanca, Fundación Ramón Areces
End date: 14/04/2024 **Duration in hours:** 10 hours
- 2 Training title:** Gestionar mi perfil de investigador/a en Web of Science
Awarding entity: Ministerio de Ciencia e Innovación. **Type of entity:** FECYT
Universidades
End date: 04/04/2024 **Duration in hours:** 1 hour
- 3 Training title:** I Jornadas Genusal "Impulsando la perspectiva de género en salud"
Awarding entity: Universidad de Salamanca
End date: 16/02/2024 **Duration in hours:** 12 hours
- 4 Training title:** Curso Iniciación a la Lengua de Signos
Awarding entity: Universidad Católica "Santa Teresa de Jesús de Ávila"
End date: 22/11/2023 **Duration in hours:** 2 hours
- 5 Training title:** II Curso de la Carrera Investigadora
Awarding entity: Academia Joven de España, Universidad Nacional de Educación a Distancia y Consejo Superior de Investigaciones Científicas
End date: 22/11/2023 **Duration in hours:** 10 hours
- 6 Training title:** II Curso de la Carrera Investigadora
Awarding entity: Academia Joven de España, Universidad Nacional de Educación a distancia, Consejo Superior de Investigaciones Científicas
End date: 22/11/2023 **Duration in hours:** 10 hours
- 7 Training title:** II Jornada de la Academia Joven de España sobre Divulgación Científica
Awarding entity: Academia Joven de España
End date: 20/11/2023 **Duration in hours:** 5 hours
- 8 Training title:** I Jornada de la Academia Joven de España sobre Divulgación Científica: Ciencia y Periodismo
Awarding entity: Academia Joven de España
End date: 02/10/2023 **Duration in hours:** 6 hours
- 9 Training title:** XVII Jornada Medes. Tensiones en la comunicación científica: a quién comunicamos, cómo lo evaluamos y cómo lo pagamos
Awarding entity: Universidad Complutense de Madrid
End date: 10/07/2023 **Duration in hours:** 6 hours
- 10 Training title:** Curso Puente de la Función D a la E de experimentación animal para la Supervisor del Bienestar y Cuidado de los Animales, Experimentación animal (ECC566/2015)
Awarding entity: Animalaria Formación y Gestión S.L.
End date: 08/05/2023 **Duration in hours:** 40 hours



- 11 Training title:** Programación y Análisis de datos con R (Código USAL: 22/5550/01)
Awarding entity: Centro de Formación Permanente, Universidad de Salamanca
End date: 28/04/2023 **Duration in hours:** 80 hours
- 12 Training title:** Curso II para el mantenimiento de la capacitación para el manejo de animales de experimentación. Cuidado, salud y manejo de animales de experimentación (Orden Ministerial ECC 566/2015)
Awarding entity: Universidad de Salamanca **Type of entity:** University
End date: 20/01/2023 **Duration in hours:** 25 hours
- 13 Training title:** Curso Puente de la Función C a la D de experimentación animal para el Diseño de Proyectos y Procedimientos (Orden Ministerial ECC 566/2015)
Awarding entity: Animalaria Formación y Gestión S.L.
End date: 22/12/2022 **Duration in hours:** 50 hours
- 14 Training title:** Identidad digital o cómo mejorar tu perfil investigador
Awarding entity: Escuela de Doctorado (Programa de formación transversal), Universidad de Salamanca
End date: 21/07/2022 **Duration in hours:** 10 hours
- 15 Training title:** Principios generales de la estandarización genética en roedores de laboratorio. Diseño adecuado de los procedimientos y posibles interferencias experimentales (Marco de la Orden ECC/566/2015)
Awarding entity: Instituto de Investigación Biomédica de Salamanca (IBSAL)
End date: 16/12/2021 **Duration in hours:** 1 hour
- 16 Training title:** Nomenclatura de ratones genéticamente modificados: todo está en el nombre (Orden ECC/566/2015)
Awarding entity: Charles River y Universidad de Salamanca
End date: 04/11/2021 **Duration in hours:** 1 hour
- 17 Training title:** Working with Genetically Modified Mice in Research Settings
Awarding entity: CITI Program, Albert Einstein College of Medicine
End date: 13/09/2021
- 18 Training title:** Aseptic Surgery
Awarding entity: CITI Program, Albert Einstein College of Medicine
End date: 05/09/2021
- 19 Training title:** Reducing Pain and Distress in Laboratory Mice and Rats
Awarding entity: CITI Program, Albert Einstein College of Medicine
End date: 05/09/2021
- 20 Training title:** Working with Mice in Research Settings
Awarding entity: CITI Program, Albert Einstein College of Medicine
End date: 05/09/2021
- 21 Training title:** Working with the IACUC: Investigators, staff and students
Awarding entity: CITI Program, Albert Einstein College of Medicine
End date: 04/09/2021
- 22 Training title:** Curso de Iniciación a la Escalada Deportiva
Awarding entity: Centro de Formación Permanente, Universidad de Salamanca
End date: 23/06/2021 **Duration in hours:** 10 hours



- 23 Training title:** Metodología en Investigación
Awarding entity: Instituto de Investigación Biomédica de Salamanca (IBSAL), Hospital Universitario de Salamanca
End date: 16/06/2021 **Duration in hours:** 15 hours
- 24 Training title:** Methods & Models in Biomedical Sciences: building bridges
Awarding entity: Champalinaud Foundation
End date: 15/06/2021 **Duration in hours:** 8 hours
- 25 Training title:** Digital Ventilated cages (DVC): neuroscience case studies
Awarding entity: Tecniplast Digilab
End date: 26/05/2021 **Duration in hours:** 1 hour
- 26 Training title:** El Rack Ventilado Digital (DVC), la nueva herramienta para una gestión eficiente del animalario
Awarding entity: Tecniplast Digilab
End date: 13/05/2021 **Duration in hours:** 1 hour
- 27 Training title:** Nuevos biomarcadores, bienestar animal y reproducibilidad de datos en la home-cage: introducción a la tecnología DVC
Awarding entity: Tecniplast Digilab
End date: 29/04/2021 **Duration in hours:** 2 hours
- 28 Training title:** Curso Comunicación Científica. Kit de Supervivencia para Jóvenes Investigadores
Awarding entity: Unidad de Cultura Científica y de la Innovación, Universidad de Salamanca
End date: 20/04/2021 **Duration in hours:** 3 hours
- 29 Training title:** Movilidad Internacional en el Doctorado: herramientas, ventajas y posibles fuentes de financiación
Awarding entity: Universidad de Salamanca, Escuela de Doctorado Studii Salamantini
End date: 13/04/2021 **Duration in hours:** 1 hour
- 30 Training title:** III Jornada sobre Mujer, Universidad, Ciencia y Sociedad
Awarding entity: Universidad de Salamanca
End date: 09/03/2021 **Duration in hours:** 6 hours
- 31 Training title:** Gender & Science: Promoting women's participation in the scientific community
Awarding entity: Researcher Identity Development: Strengthening Science in Society Strategies (RID-SSISS)
End date: 11/12/2020 **Duration in hours:** 1 hour
- 32 Training title:** Publish or Perish-Negotiating the uncertainty of researcher careers
Awarding entity: Researcher Identity Development: Strengthening Science in Society Strategies (RID-SSISS)
End date: 11/12/2020 **Duration in hours:** 1 hour
- 33 Training title:** La Carrera Profesional para Jóvenes Doctores en el ámbito Público, Privado y el Emprendimiento
Awarding entity: Fundación General de la Universidad de Salamanca, Escuela de Doctorado, Servicio de Inserción Profesional, Prácticas y Empleo (SIPPE)
End date: 10/12/2020 **Duration in hours:** 3 hours
- 34 Training title:** EARA Media Training-Spain Online Workshop
Awarding entity: European Animal Research Association
End date: 04/11/2020 **Duration in hours:** 3 hours



- 35 Training title:** Formación del Sistema Confocal "Stellaris" Leica Microsystems
Awarding entity: Leica Microsystems
End date: 01/10/2020 **Duration in hours:** 15 hours
- 36 Training title:** FJDA1: Técnicas de protección de datos personales en análisis de datos
Awarding entity: Escuela de Doctorado, Universidad de Salamanca
End date: 05/06/2020 **Duration in hours:** 7 hours
- 37 Training title:** JLVV3: Introducción al diseño de experimentos con R
Awarding entity: Escuela de Doctorado, Universidad de Salamanca
End date: 29/05/2020 **Duration in hours:** 7 hours
- 38 Training title:** Web of Science - Buscar y analizar la producción científica de una institución
Awarding entity: Fundación Española para la Ciencia y la Tecnología **Type of entity:** Web of Science
End date: 28/05/2020 **Duration in hours:** 1 hour
- 39 Training title:** JLVV2: Introducción a la inferencia estadística con R
Awarding entity: Escuela de Doctorado, Universidad de Salamanca
End date: 22/05/2020 **Duration in hours:** 7 hours
- 40 Training title:** Aspectos generales del SARS-CoV-2
Awarding entity: Quirón Prevención, Universidad de Salamanca
End date: 18/05/2020 **Duration in hours:** 1 hour
- 41 Training title:** JLVV1: Introducción al software estadístico R
Awarding entity: Escuela de Doctorado, Universidad de Salamanca
End date: 15/05/2020 **Duration in hours:** 7 hours
- 42 Training title:** LFMJ1: Planificación de una investigación
Awarding entity: Escuela de Doctorado, Universidad de Salamanca
End date: 15/05/2020 **Duration in hours:** 7 hours
- 43 Training title:** Symposium "Advanced Therapies in Neurodegeneration: bridging neuroscience, bioengineering and optogenetics"
Awarding entity: Training4CRM
End date: 30/04/2020 **Duration in hours:** 10 hours
- 44 Training title:** Jornada sobre Neurociencia cognitiva, social y del desarrollo
Awarding entity: Universidad de Salamanca, Centro de Atención Integral al autismo
End date: 11/02/2020 **Duration in hours:** 4 hours
- 45 Training title:** Sexual Harassment: Staff-to-Staff (Full Course New York)
Awarding entity: Albert Einstein College of Medicine
End date: 05/02/2020 **Duration in hours:** 1 hour
- 46 Training title:** Estandarización de variables experimentales, realidad o ficción
Awarding entity: Charles River Laboratories, Instituto de Investigación Biomédica de Salamanca
End date: 29/11/2019 **Duration in hours:** 1 hour



- 47 Training title:** Principios generales de cirugía. Pautas y aplicación práctica en roedores de laboratorio
Awarding entity: Instituto de Investigación Biomédica de Salamanca, Universidad de Salamanca
End date: 20/09/2019 **Duration in hours:** 4 hours
- 48 Training title:** MiniSymposium "Cell Division and Genome Dynamics"
Awarding entity: Instituto de Biología Funcional y Genómica
End date: 16/07/2019 **Duration in hours:** 5 hours
- 49 Training title:** Introducción a la legislación sobre experimentación animal. Normas vigentes y marco legal formativo (Orden ECC/566/2015)
Awarding entity: Servicio de Experimentación Animal de la Universidad de Salamanca
End date: 08/04/2019 **Duration in hours:** 2 hours
- 50 Training title:** Difusión de los resultados. Congresos. Tesis Doctoral. Artículos Científicos
Awarding entity: Instituto de Investigación Biomédica de Salamanca y Hospital Universitario de Salamanca
End date: 09/10/2018 **Duration in hours:** 7 hours
- 51 Training title:** Evaluación y tratamiento del dolor en animales de laboratorio
Awarding entity: Instituto de Investigación Biomédica de Salamanca y Hospital Universitario de Salamanca
End date: 15/06/2018 **Duration in hours:** 4 hours
- 52 Training title:** International Symposium: The role of astrocytes and microglia cells in neurodegeneration and cancer.
Awarding entity: Fundación Ramón Areces **Type of entity:** Foundation
End date: 31/05/2018 **Duration in hours:** 11 hours
- 53 Training title:** Neurociencias: jugando con neuronas
Awarding entity: Centro de Formación Permanente, Universidad de Salamanca
End date: 17/03/2018 **Duration in hours:** 23 hours
- 54 Training title:** Bioestadística Básica con SPSS
Awarding entity: Instituto de Investigación Biomédica de Salamanca y Hospital Universitario de Salamanca
End date: 08/03/2018 **Duration in hours:** 15 hours
- 55 Training title:** Estrategias de presentación y defensa oral de trabajos académicos. 2ª Edición
Awarding entity: Centro de Formación Permanente, Universidad de Salamanca
End date: 27/11/2017 **Duration in hours:** 6 hours
- 56 Training title:** Escribir para publicar: estrategias para comunicación y visibilidad de la investigación en la rama biosanitaria
Awarding entity: Observatorio de Bibliometría e Información Científica y Escuela de doctorado "Studii Salamantini", Universidad de Salamanca
End date: 31/10/2017 **Duration in hours:** 8 hours
- 57 Training title:** XVI Curso de Formación en Experimentación Animal Capacitación en funciones A, B y C (Orden Ministerial ECC 566/2015)
Awarding entity: Servicio de Experimentación Animal, Instituto de Estudios de Ciencias de la Salud de Castilla y León
End date: 17/07/2017 **Duration in hours:** 67 hours



- 58 Training title:** Neurociencias: cerebro por todas partes
Awarding entity: Centro de Formación Permanente, Universidad de Salamanca.
End date: 11/03/2017 **Duration in hours:** 23 hours
- 59 Training title:** Jornadas Científico-técnicas sobre Olfacción Humana: una aproximación al BAST-24
Awarding entity: Red Olfativa Española **Type of entity:** Associations and Groups
End date: 25/11/2016 **Duration in hours:** 8 hours
- 60 Training title:** Neurociencias: de la neurona a la conducta
Awarding entity: Centro de Formación Permanente, Universidad de Salamanca
End date: 05/03/2016 **Duration in hours:** 23 hours
- 61 Training title:** Mujeres valientes: encuentros ciencia-cultura. Homenaje a Santa Teresa de Jesús
Awarding entity: Centro de Formación Permanente, Universidad de Salamanca
End date: 04/10/2015 **Duration in hours:** 20 hours
- 62 Training title:** El cerebro enfermo: perspectivas y estrategias terapéuticas, XXVIII Curso Universitario de verano
Awarding entity: Universidad de Salamanca, Universidad de Valladolid, Universidad Pontificia de Salamanca, Universidad de Cantabria
End date: 01/08/2015 **Duration in hours:** 32 hours
- 63 Training title:** Neurociencias: ¿Qué pasa cuando el cerebro enferma?
Awarding entity: Centro de Formación Permanente, Universidad de Salamanca
End date: 21/02/2015 **Duration in hours:** 23 hours
- 64 Training title:** Jornada sobre patentes químico-farmacéuticas y biotecnológicas
Awarding entity: Programa de Doctorado de Derecho Privado, Universidad de Salamanca, Universidad Pública de Navarra
End date: 28/10/2014 **Duration in hours:** 4 hours
- 65 Training title:** Neurociencias: el cerebro, la maquinaria de la mente
Awarding entity: Centro de Formación Permanente, Universidad de Salamanca
End date: 17/05/2014 **Duration in hours:** 23 hours

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

- 1 Title of course/seminar:** E-Learning: aulas virtuales (Moodle) y creación de recursos educativos (eXeLearning)
Goals of the course/seminar: Los objetivos del curso fueron: identificar moodle como un ambiente virtual de aprendizaje, reconocer el entorno de trabajo dentro de la plataforma educativa moodle, identificar las partes que configuran un curso dentro de la plataforma de aprendizaje moodle, identificar los tipos de edición que se pueden llevar a cabo en moodle, conocer los recursos y actividades más utilizados en moodle, reconocer la utilidad de exelearning como entorno de edición diseñado para crear contenidos educativos, principales elementos o componentes y conocer y comprender la utilidad de los iDevices más utilizados relacionados con textos, tareas, actividades interactivas, juegos y otros contenidos.
Organising entity: Univeridad Pontificia de Salamanca, Facultad Padre Ossó
Duration in hours: 110 hours
Start-End date: 01/08/2024 - 30/09/2024



- 2 Title of course/seminar:** Estrategias para la atención de las distintas necesidades específicas de apoyo educativo
Goals of the course/seminar: Los objetivos del curso fueron: conocer las diferentes necesidades específicas de apoyo educativo del alumnado y de esta forma poder proporcionar, en la etapa inicial de su formación, la adquisición de las competencias necesarias para abordar aquellas diferencias de una manera adecuada; proporcionar al profesorado valiosas estrategias que permitan atender de mejor modo al alumnado con necesidades específicas de apoyo educativos, y reflexionar sobre la necesidad de una organización, flexible, variada y personalizada de la ordenación de los contenidos, así como también de la enseñanza proporcionada, de forma que se pueda dar respuesta a la diversidad.
Organising entity: Universidad Pontificia de Salamanca, Facultad Padre Ossó
Duration in hours: 110 hours
Start-End date: 01/04/2024 - 31/05/2024
- 3 Title of course/seminar:** Metodologías Docentes Innovadoras
Goals of the course/seminar: Los objetivos y contenidos del curso fueron: 1. La enseñanza y el aprendizaje en grupo; 2. Recursos innovadores de aula; 3. Instrumentos para generar interdependencia positiva; y 4. Procedimientos para interactuar positivamente en el aula.
Organising entity: Universidad de Murcia
Duration in hours: 110 hours
Start-End date: 01/12/2023 - 21/12/2023
- 4 Title of course/seminar:** Curso Iniciación a la Lengua de Signos
Goals of the course/seminar: El programa del curso incluyó una introducción a la lengua de los signos y hacia la inclusión, y prácticas de comunicación básica.
Organising entity: Universidad Católica de Ávila **Type of entity:** University
Faculty, institute or centre: Centro de Estudios, Innovación y Formación del Profesorado en Educación
Duration in hours: 2 hours
Start-End date: 22/11/2023 - 22/11/2023
- 5 Title of course/seminar:** Curso Presentaciones Eficaces en el Aula
Organising entity: Departamento de Métodos de Investigación y diagnóstico en Educación, Universidad de Murcia
Duration in hours: 110 hours
Start-End date: 29/09/2023 - 19/10/2023
- 6 Title of course/seminar:** SPOC: Elaboración de píldoras audiovisuales (4ed)
Goals of the course/seminar: Curso SPOC para la Formación Docente del Profesorado 2020/21 sobre la elaboración de videos educativos: definición del objetivo y elaboración del guión, conocer diferentes plataformas disponibles, creación de la carátula y recomendaciones técnicas, alojamiento de píldoras de video en Google Drive y Studium, y creación de nuestro primer canal de Youtube para alojar vídeo.
Organising entity: Instituto Universitario de Ciencias de la Educación, Universidad de Salamanca
Duration in hours: 12 hours
Start-End date: 06/09/2021 - 17/09/2021
- 7 Title of course/seminar:** Desarrollo de competencias para el profesorado universitario. Estrategias para la docencia
Goals of the course/seminar: Curso del Programa de Formación Docente 2020-2021 de la Universidad de Salamanca, cuyo objetivo principal era adquirir técnicas y herramientas para optimizar el rendimiento, eficacia y el bienestar de los procesos de enseñanza-aprendizaje, el trabajo en equipo y la correcta toma de decisiones ante la aparición de conflictos en la docencia universitaria.
Organising entity: Universidad de Salamanca
Duration in hours: 4 hours
Start-End date: 07/06/2021 - 11/06/2021



- 8 Title of course/seminar:** Elaboración de rúbricas para evaluar competencias
Goals of the course/seminar: Curso del Programa de Formación Docente 2020-2021 de la Universidad de Salamanca, cuyo objetivo principal fue conocer el potencial de las rúbricas para la evaluación de competencias en la docencia universitaria y diseñar y elaborar rúbricas contextualizadas.
Organising entity: Universidad de Salamanca
Duration in hours: 10 hours
Start-End date: 03/06/2021 - 10/06/2021
- 9 Title of course/seminar:** SPOC: Introducción al manejo de Studium (Nivel básico)
Goals of the course/seminar: Curso SPOC para Formación Docente del Profesorado 2020/21 sobre manejo básico del campus virtual Studium: configuración del área personal; diseño del nuevo campus virtual; acceso, creación e importación de cursos; organización e introducción de contenidos y actividades.
Organising entity: Universidad de Salamanca
Duration in hours: 12 hours
Start-End date: 23/11/2020 - 04/12/2020
- 10 Title of course/seminar:** Desarrollo de habilidades en formación de formadores
Goals of the course/seminar: Herramientas para que una enseñanza más eficaz y de calidad
Organising entity: Instituto de Investigación Biomédica de Salamanca (IBSAL)
Duration in hours: 32 hours
Start-End date: 01/10/2020 - 29/10/2020
- 11 Title of course/seminar:** Conversación casUSAL: Experiencias docentes durante el confinamiento
Goals of the course/seminar: Curso del Plan de Formación Docente del PDI 2020
Organising entity: Instituto Universitario de Ciencias de la Educación (IUCE), Universidad de Salamanca
Duration in hours: 8 hours
Start-End date: 01/07/2020 - 02/07/2020
- 12 Title of course/seminar:** Online Teaching Workshop
Goals of the course/seminar: Vías formativas/laborales para impartir docencia en la Universidad de Oxford. Metodologías novedosas de enseñanza en Universidades Europeas.
Organising entity: Alzheimer's Research UK, Oxford University
Duration in hours: 3 hours
Start-End date: 05/05/2020 - 05/05/2020
- 13 Title of course/seminar:** Redes Sociales y Aplicaciones en la actividad docente e investigadora
Goals of the course/seminar: Curso del Plan de Formación Docente del PDI 2020
Organising entity: Universidad de Salamanca
Duration in hours: 8 hours
Start-End date: 31/03/2020 - 03/04/2020
- 14 Title of course/seminar:** The Three Rs and Animal Use in Science
Organising entity: European Schoolnet Academy
Duration in hours: 22 hours
Start-End date: 13/01/2020 - 19/02/2020
- 15 Title of course/seminar:** I Jornadas sobre Buenas Prácticas en Calidad de la Universidad de Salamanca
Organising entity: Unidad de Evaluación de la Calidad, Universidad de Salamanca
Duration in hours: 9 hours
Start-End date: 18/11/2019 - 18/11/2019



- 16 Title of course/seminar:** Docencia de calidad con compromiso social: experiencias de aprendizaje servicio.
Organising entity: Universidad de Salamanca
Duration in hours: 10 hours
Start-End date: 09/07/2019 - 09/07/2019

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French	B2	C1	B2	B2	B2
English	C1	C1	C1	C1	C1

Teaching experience

General teaching experience

- 1 Type of teaching:** Official teaching
Name of the course: Animal Histology / Histología Animal
Type of teaching: Laboratory work
Type of subject: Obligatory
University degree: Bachelor's Degree in Biology / Grado en Biología (Plan 2015)
Course given: 2
Start date: 01/10/2020 **End date:** 11/02/2021
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 20
Entity: University of Salamanca / Universidad de Salamanca
Department: Department of Pathology and Cell Biology / Departamento de Biología Celular y Patología
City of entity: Salamanca, Castile and León, Spain
- 2 Type of teaching:** Official teaching
Name of the course: Animal Development and Differentiation / Desarrollo y Diferenciación Animal
Type of programme: Architecture **Type of teaching:** Laboratory work
Type of subject: Optional
University degree: Bachelor's Degree in Biotechnology / Grado en Biotecnología (Plan 2009)
Course given: 4
Start date: 03/02/2020 **End date:** 11/06/2020
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 6
Entity: University of Salamanca / Universidad de Salamanca
Department: Department of Pathology and Cell Biology / Departamento de Biología Celular y Patología
City of entity: Salamanca, Castile and León, Spain
- 3 Type of teaching:** Official teaching
Name of the course: Biology / Biología
Type of teaching: Laboratory work
Type of subject: Obligatory
University degree: Bachelor's Degree in Chemistry / Grado en Química



Course given: 1

Start date: 03/02/2020

End date: 11/06/2020

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 12

Entity: University of Salamanca / Universidad de Salamanca

Department: Department of Pathology and Cell Biology / Departamento de Biología Celular y Patología

City of entity: Salamanca, Castile and León, Spain

4 Type of teaching: Official teaching

Name of the course: Citology and Plant Histology / Citología e Histología Vegetal

Type of teaching: Laboratory work

Type of subject: Obligatory

University degree: Bachelor's Degree in Biology / Grado en Biología (Plan 2015)

Course given: 1

Start date: 03/02/2020

End date: 11/06/2020

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 14

Entity: University of Salamanca / Universidad de Salamanca

Department: Department of Pathology and Cell Biology / Departamento de Biología Celular y Patología

City of entity: Salamanca, Castile and León, Spain

5 Type of teaching: Official teaching

Name of the course: Cell and Tissue Biology / Biología Celular y Tisular

Type of teaching: Laboratory work

Type of subject: Obligatory

University degree: Bachelor's Degree in Biotechnology / Grado en Biotecnología (Plan 2009)

Course given: 1

Start date: 12/03/2020

End date: 20/01/2020

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 6

Entity: University of Salamanca / Universidad de Salamanca

Department: Department of Pathology and Cell Biology / Departamento de Biología Celular y Patología

City of entity: Salamanca, Castile and León, Spain

6 Type of teaching: Official teaching

Name of the course: Animal Development and Differentiation / Desarrollo y Diferenciación Animal

Type of teaching: Laboratory work

Type of subject: Optional

University degree: Bachelor's Degree in Biology / Grado en Biología (Plan 2015)

Course given: 2

Start date: 04/02/2019

End date: 14/07/2019

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 25

Entity: University of Salamanca / Universidad de Salamanca

Department: Department of Pathology and Cell Biology / Departamento de Biología Celular y Patología

City of entity: Salamanca, Castile and León, Spain

7 Type of teaching: Official teaching

Name of the course: Animal Histology / Histología Animal

Type of teaching: Laboratory work

Type of subject: Obligatory



University degree: Bachelor's Degree in Biology / Grado en Biología (Plan 2015)

Course given: 2

Start date: 10/09/2018

End date: 25/01/2019

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 35

Entity: University of Salamanca / Universidad de Salamanca

Department: Department of Pathology and Cell Biology / Departamento de Biología Celular y Patología

City of entity: Salamanca, Castile and León, Spain

8 Type of teaching: Official teaching

Name of the course: Citology and Plant Histology / Citología e Histología Vegetal

Type of teaching: Laboratory work

Type of subject: Obligatory

University degree: Bachelor's Degree in Biology / Grado en Biología (Plan 2015)

Course given: 1

Start date: 05/02/2018

End date: 15/06/2018

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 40

Entity: University of Salamanca / Universidad de Salamanca

Department: Department of Pathology and Cell Biology / Departamento de Biología Celular y Patología

City of entity: Salamanca, Castile and León, Spain

9 Type of teaching: Official teaching

Name of the course: Biology / Biología

Type of teaching: Laboratory work

Type of subject: Obligatory

University degree: Bachelor's Degree in Pharmacy / Grado en Farmacia (Plan 201)

Course given: 1

Start date: 10/09/2019

End date: 21/01/2010

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 15

Entity: University of Salamanca / Universidad de Salamanca

Department: Department of Pathology and Cell Biology / Departamento de Biología Celular y Patología

City of entity: Salamanca, Castile and León, Spain

Experience supervising doctoral thesis and/or final year projects

1 Project title: Efecto del tratamiento intracerebroventricular con el factor de crecimiento de fibroblastos 17 en un modelo murino de enfermedad de Alzheimer (Trabajo de Fin de Grado, Grado en Biología)

Co-director of thesis: Cristina Tomás Zapico

Entity: Universidad de Oviedo

Student: María Boquete Roca

Obtained qualification: 10

Date of reading: 17/07/2024

2 Project title: Terapia celular combinada con el fármaco neuroprotector oleiletanolamida en un modelo de neurodegeneración cerebelosa (Trabajo Fin de Máster, Máster en Neurociencias)

Co-director of thesis: Eduardo Weruaga Prieto

Entity: Universidad de Salamanca

Student: Daniel Gustavo Neira Mora



Obtained qualification: 9,7
Date of reading: 16/07/2024

Courses and seminars given

- 1 Type of event:** Course
Name of the event: Cirugías Estereotáxicas en Pequeños Roedores y Extracción de Líquido Cefalorraquídeo a través de la Cisterna Magna
Organising entity: Neuroscience Innovative Technologies
Hours of teaching: 40
Teaching date: 25/08/2024
Theme: Otra Temática
- 2 Type of event:** Seminar
Name of the event: Seminarios científicos Instituto de Neurociencias de Castilla y León: IX Seminario Científico
Organising entity: Instituto de Neurociencias de Castilla **Type of entity:** University Research Institute y León
Target group profile: Alumnos de grado, máster y doctorado, y personal biosanitario
Hours of teaching: 1
Teaching date: 18/03/2022
Type of participation: Participatory - oral communication
- 3 Type of event:** Beca Inmersión Investigación
Name of the event: Beca Estancia de Iniciación a la Investigación en Centros de Investigación de Salamanca
Organising entity: Fundación Salamanca Ciudad de Cultura y Saberes
Hours of teaching: 60
Teaching date: 30/07/2021
- 4 Type of event:** Ciclo formativo
Name of the event: ¿Científico/a se nace o se hace?: La importancia de una buena motivación en la escuela
Organising entity: Universidad Católica "Santa Teresa de Jesús" de Ávila
Hours of teaching: 1
Teaching date: 03/02/2021

Participation in innovative teaching projects

- 1 Project title:** Sacar las clases prácticas del laboratorio a la calle: Foldscope. Uso de microscopios plegables como herramienta docente (ID2019/112)
Type of participation: Team member
Funding entity: Universidad de Salamanca
Start-End date: 01/09/2019 - 30/07/2020
Type of entity: University
Duration: 11 months
- 2 Project title:** Gamificación educativa, control de asistencia y evaluación continua mediante Kahoot en clases teóricas y prácticas (ID2018/107)
Type of participation: Team member
Funding entity: Universidad de Salamanca
Start-End date: 01/09/2018 - 30/07/2019
Type of entity: University
Duration: 11 months



Other teaching merits

Acreditación Figura Profesora Ayudante Doctor por la Agencia para la Calidad del Sistema Universitario de Castilla y León (Fecha resolución: 19/04/2024).

Acreditación Figura Profesora Contratada Doctor y Profesora de Universidad Privada por la Agencia para la Calidad del Sistema Universitario de Castilla y León (Fecha resolución: 19/04/2024)

Supervisión y tutorización de alumno de Grado en Medicina Curso 2020/21. Centro realización: Instituto de Neurociencias de Castilla y León. Entidad: Fundación Salamanca Ciudad de Cultura y Saberes. Horas supervisión: 60h.

Scientific and technological experience

Research and development groups/teams

Name of the group: Intervenciones Traslacionales para la Salud

Aims of the group: Grupo de Investigación Básica-Traslacional

Type of collaboration: Co-authorship of projects and their development

Affiliation entity: Instituto de Investigación Sanitaria del Principado de Asturias

Start date: 01/01/2024

Scientific or technological activities

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

1 Name of the project: Dispositivo implantable para la liberación controlada de terapias avanzadas en el sistema nervioso central: fabricación y testado de un prototipo para humanos

Degree of contribution: Researcher

Entity where project took place: Neuroscience Innovative Technologies, Universidad de Oviedo

City of entity: Oviedo, Spain

Funding entity or bodies:

Ministerio de Ciencia, Innovación y Universidades, Agencia Estatal de Investigación

Code according to the funding entity: CPP2022-009810

Start-End date: 18/12/2023 - 17/12/2026

Duration: 3 years

Total amount: 346.275,42 €

2 Name of the project: Estudio de viabilidad de un dispositivo implantable para la liberación de terapias avanzadas en el sistema nervioso central

Entity where project took place: Neuroscience Innovative Technologies

City of entity: Llanera, Principality of Asturias, Spain

Name principal investigator (PI, Co-PI....): Pérez Martín

Nº of researchers: 1

Name of the programme: Torres Quevedo Postdoctoral Fellowship / Ayudas Postdoctorales Torres Quevedo



Code according to the funding entity: PTQ2022-012644

Start-End date: 04/12/2023 - 03/12/2026

Duration: 3 years

Total amount: 84.518 €

3 Name of the project: Administración de hemoderivados vía pseudoliberación intratecal para el tratamiento de enfermedades neurodegenerativas

Entity where project took place: Universidad de Oviedo

City of entity: Oviedo, Principality of Asturias, Spain

Name principal investigator (PI, Co-PI....): Neuroscience Innovative Technologies S.L.; Cristina Tomás-Zapico

Funding entity or bodies:

Fundación para el Fomento en Asturias de la Investigación Científica Aplicada y la Tecnología (FICYT)

Name of the programme: "Proyectos de I+D+i en red"

Code according to the funding entity: AYUD/2021/57540

Start-End date: 01/12/2020 - 30/11/2023

Total amount: 130.945 €

4 Name of the project: Protección neuronal multifactorial: sinergia entre moléculas con actividad neuroquímica y células progenitoras modificadas genéticamente

Entity where project took place: Universidad de Salamanca

Name principal investigator (PI, Co-PI....): Eduardo Weruaga Prieto

Funding entity or bodies:

Proyectos de I+D+i "Retos de la Sociedad. Ministerio de Ciencia e Innovación

Code according to the funding entity: PID2019-106943RB-I00

Start-End date: 01/06/2020 - 31/05/2023

Total amount: 90.000 €

5 Name of the project: Desarrollo de dispositivo y fármacos para una nueva estrategia terapéutica en las enfermedades neurodegenerativas

Degree of contribution: Researcher

Entity where project took place: Neuroscience Innovative Technologies

City of entity: Llanera, Principality of Asturias, Spain

Name of the programme: Programa NEOTEC, Centro para el Desarrollo Tecnológico y la Innovación E.P.E. (CDTI), Ministerio de Ciencia e Innovación

Code according to the funding entity: SNEO-20211309

Start-End date: 01/01/2022 - 31/03/2023

Total amount: 325.000 €

Dedication regime: Full time

6 Name of the project: Alteraciones olfativas como biomarcador de contagio y evolución de CoVid19

Entity where project took place: Universidad de Salamanca

Name principal investigator (PI, Co-PI....): José Ramón Alonso Peña

Funding entity or bodies:

Junta de Castilla y León

Type of entity: Body, others

Code according to the funding entity: JGR8/463AC03

Start-End date: 04/05/2020 - 15/10/2021

Total amount: 50.000 €



- 7** **Name of the project:** Terapia celular y terapia farmacológica combinadas: potenciación recíproca de enfoques complementarios frente a patologías neurodegenerativas selectivas.
Entity where project took place: Universidad de Salamanca
Name principal investigator (PI, Co-PI....): Eduardo Weruaga Prieto
Funding entity or bodies:
Ministerio de Economía y Competitividad
Code according to the funding entity: SAF2016-79668-R
Start-End date: 01/01/2017 - 31/12/2020
Total amount: 90.000 €
- 8** **Name of the project:** Validación de un Sistema Activo de Presentación de Odorantes (SAPO) remotamente controlado y monitorizado a través de cualquier dispositivo
Entity where project took place: Universidad de Salamanca
Name principal investigator (PI, Co-PI....): David Díaz López
Funding entity or bodies:
FUNDACION GENERAL DE LA UNIVERSIDAD DE SALAMANCA
Code according to the funding entity: PC-TCUE18-20_036
Start-End date: 21/06/2019 - 20/06/2020
Total amount: 10.000 €

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

Name of the project: Desarrollo de dispositivo y fármacos para una nueva estrategia terapéutica en las enfermedades neurodegenerativas (NEOTEC SNEO-20211309)
Entity where project took place: Neuroscience Innovative Technologies S.L.
Degree of contribution: Researcher
Entity where project took place: Neuroscience Innovative Technologies S.L.
City of entity: Llanera, Spain
Funding entity or bodies:
Centro para el Desarrollo Tecnológico Industrial **Type of entity:** Business
Name of the programme: NEOTEC
Code according to the funding entity: SNEO-20211309
Start date: 01/04/2020 **Duration:** 12 months
Total amount: 325.000 €



Scientific and technological activities

Scientific production

H index: 3

Date of application: 28/07/2024

Source of H-Index: GOOGLE SCHOLAR

Publications, scientific and technical documents

- 1** Pérez Martín; Tomás Zapico. Refinamiento de las cirugías estereotáxicas de implantación intratecal a largo plazo en roedores y monitorización del bienestar animal. *Animales de Laboratorio*. 101, pp. 39 - 47. SECAL, 14/06/2024.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 2** Ester Pérez Martín; Almudena Coto Vilcapoma; Juan Castilla Silgado; María Rodríguez Cañón; Catuxa Prado; Gabriel Álvarez; Marco Antonio Álvarez Vega; Bejamín Fernández García; Manuel Menéndez González; Cristina Tomás Zapico. Refining Stereotaxic Neurosurgery Techniques and Welfare Assessment for Long-Term Intracerebroventricular Device Implantation in Rodents. *Animals*. 13 - 16, pp. 2627. MDPI, 14/08/2023.
DOI: 10.3390/ani13162627
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
Corresponding author: Yes
Total no. authors: 10 **Category:** Science Edition - AGRICULTURE, DAIRY & ANIMAL SCIENCE
Impact source: Clarivate **Journal in the top 25%:** Yes
Impact index in year of publication: 3.0 **No. of journals in the cat.:** 62
Position of publication: 12 **Category:** Science Edition - VETERINARY SCIENCES
Impact source: Clarivate **Journal in the top 25%:** Yes
Impact index in year of publication: 3.0 **No. of journals in the cat.:** 143
Position of publication: 13
- 3** Ester Pérez-Martín; Laura Pérez-Revuelta; Cristina Barahona-López; David Pérez-Boyero; José R. Alonso; David Díaz; Eduardo Weruaga. Oleoylethanolamide Treatment Modulates Both Neuroinflammation and Microgliosis, and Prevents Massive Leukocyte Infiltration to the Cerebellum in a Mouse Model of Neuronal Degeneration. *International Journal of Molecular Sciences*. 24 - 11, pp. 9691. MDPI, 02/06/2023. Available on-line at: <<https://www.mdpi.com/1422-0067/24/11/9691>>.
DOI: 10.3390/ijms24119691
Type of production: Scientific paper **Format:** Scientific and technical document or report
Position of signature: 1 **Degree of contribution:** Author or co-author of scientific or technical document for the general public
Corresponding author: No
Total no. authors: 7 **Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY
Impact source: JCR **Journal in the top 25%:** Yes
Impact index in year of publication: 6,208 **No. of journals in the cat.:** 297
Position of publication: 69



- 4** Carlos del Pilar; Rafael Lebrón Galán; Ester Pérez Martín; Laura Pérez Revuelta; Carmelo Antonio Ávila Zarza; José Ramón Alonso; Diego Clemente; Eduardo Weruaga; David Díaz. The Selective Loss of Purkinje Cells Induces Specific Peripheral Immune Alterations. *Frontiers in Cellular Neuroscience*. 15 - 773696, Frontiers, 30/11/2021. Available on-line at: <<https://doi.org/10.3389/fncel.2021.773696>>.

DOI: 10.3389/fncel.2021.773696

PMID: 34916910

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 6,147

Position of publication: 58

Source of citations: WOS

Format: Journal

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

Corresponding author: No

Category: Science Edition - NEUROSCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 275

Citations: 3

- 5** Ester Pérez-Martín; Rodrigo Muñoz-Castañeda; Marie-Jo Moutin; Carmelo A. Ávila-Zarza; José M. Muñoz-Castañeda; Carlos del Pilar; José R. Alonso; Annie Andrieux; David Díaz; Eduardo Weruaga. Oleylethanolamide Delays the Dysfunction and Death of Purkinje Cells and Ameliorates Behavioral Defects in a Mouse Model of Cerebellar Neurodegeneration. *Neurotherapeutics*. 18, pp. 1748 - 1767. Springer, 07/04/2021.

DOI: 10.1007/s13311-021-01044-3

PMID: 33829414

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 10

Impact source: ISI

Impact index in year of publication: 6,088

Position of publication: 36

Impact source: ISI

Impact index in year of publication: 6,088

Position of publication: 47

Impact source: ISI

Impact index in year of publication: 6,088

Position of publication: 59

Source of citations: WOS

Format: Journal

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

Corresponding author: No

Category: Science Edition - CLINICAL NEUROLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 212

Category: Science Edition - PHARMACOLOGY & PHARMACY

Journal in the top 25%: Yes

No. of journals in the cat.: 279

Category: Science Edition - NEUROSCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 275

Citations: 3

- 6** Ester Pérez-Martín. Terapia celular combinada con el fármaco neuroprotector N-Oleiletanolamina en un modelo murino de degeneración neuronal selectiva. Universidad de Salamanca, 22/07/2022.

DOI: 10.14201/gredos.150818

Type of production: Doctoral Thesis

Source of citations: WOS

Format: Book

Citations: 1

Works submitted to national or international conferences

- 1 Title of the work:** Mejora de los procedimientos quirúrgicos y del bienestar animal para estrategias terapéuticas basadas en implantaciones intratecales a largo plazo en un modelo murino de enfermedad de Alzheimer

Name of the conference: I Simposio Iberoamericano Virtual de Neurociencias: de la molécula a la conducta

City of event: Oviedo, Spain

Date of event: 26/10/2023

End date: 26/10/2023

Organising entity: Instituto de Neurociencias del Principado de Asturias (INEUROPA)
Ester Pérez-Martín; Gabriel Álvarez-Menéndez; Catuxa Prado; María Rodríguez-Cañón; Almudena Coto-Vilcapoma; Juan Castilla-Silgado; Paola Pinto-Hernández; Manuel Menéndez-González; Cristina Tomás-Zapico.
- 2 Title of the work:** Feasibility and safety of long-term intrathecal pseudodelivery of immunotherapy for selective clearance of CSF amyloid- β in a mouse model of Alzheimer's disease

Name of the conference: 11th IBRO World Congress of Neuroscience

City of event: Granada, Spain

Date of event: 09/09/2023

End date: 13/09/2023

Organising entity: International Brain Research Organization (IBRO)
Ester Pérez-Martín; Gabriel Álvarez-Menéndez; Catuxa Prado; María Rodríguez-Cañón; Almudena Coto-Vilcapoma; Juan Castilla-Silgado; Paola Pinto-Hernández; Manuel Menéndez-González; Cristina Tomás-Zapico.

DOI: 10.1016/j.ibneur.2023.08.925
- 3 Title of the work:** Neuroprotective effects of different drug- and stem cell-based therapies as novel approaches for neurodegenerative diseases

Name of the conference: 11th IBRO World Congress of Neuroscience

Corresponding author: No

City of event: Granada, Spain

Date of event: 09/09/2023

End date: 13/09/2023

Organising entity: International Brain Research Organization (IBRO)
Ester Pérez-Martín; Pablo G. Téllez de Meneses; Jesús G. Briñón; Carmelo A. Ávila-Zarza; David Díaz; Eduardo Weruaga.

DOI: 10.1016/j.ibneur.2023.08.305
- 4 Title of the work:** Intrathecal pseudodelivery of Ab-mAb alleviates pathology in an Alzheimer's disease model

Name of the conference: Alzheimer's Association International Conference (AAIC) 2022

Corresponding author: No

City of event: San Diego, United States of America

Date of event: 04/08/2022

End date: 04/08/2022

Organising entity: Alzheimer's Association
Manuel Menéndez González; Almudena Coto Vilcapoma; Juan Castilla Silgado; Marco Álvarez Vega; Aida Antuña Ramos; Benjamin Fernández-García; Catuxa Prado; Gabriel Álvarez; María Rodríguez; Ester Pérez Martín; Cristina Tomás Zapico. Available on-line at: <<https://alz-journals.onlinelibrary.wiley.com/doi/10.1002/alz.068697>>.



- 5** **Title of the work:** Characterization of microglial cells in a model of selective neuronal loss: the Purkinje Cell Degeneration mouse
Name of the conference: FENS Forum 2022
City of event: Paris, France
Date of event: 13/07/2022
End date: 13/07/2022
Organising entity: Federation of European Neuroscience Societies
David Pérez Boyero; Ester Pérez Martín; Laura Pérez Revuelta; Natalia Yanguas Casás; María Ángeles Arévalo; Eduardo Weruaga; David Díaz.
- 6** **Title of the work:** Characterization of the nitrergic system in the VPA murine model of autism
Name of the conference: FENS Forum 2022
City of event: Paris, France
Date of event: 13/07/2022
End date: 13/07/2022
Organising entity: Federation of European Neuroscience Societies
Valeria Lorena Cabedo; Laura Pérez Revuelta; Ester Pérez Martín; Eduardo Weruaga; David Díaz; José Ramón Alonso.
- 7** **Title of the work:** The more, the better? Neuroprotective effects of different drug- and stem cell-based therapies as novel approaches for neurodegenerative diseases
Name of the conference: FENS Forum 2022
City of event: Paris, France
Date of event: 13/07/2022
End date: 13/07/2022
Organising entity: Federation of European Neuroscience Societies
Ester Pérez Martín; Pablo González Telles de Meneses; Jesús Briñón; Carmelo A. Ávila Zarza; David Díaz; Eduardo Weruaga.
- 8** **Title of the work:** Nitrergic system in the VPA murine model of autism. How does it work?
Name of the conference: VIII Jornadas Olfativas
Corresponding author: No
City of event: La Franca, Principality of Asturias, Spain
Date of event: 07/05/2022
End date: 07/05/2022
Organising entity: Red Olfativa Española (ROE)
Valeria Lorena Cabedo; Laura Pérez Revuelta; Ester Pérez Martín; Eduardo Weruaga; David Díaz; José Ramón Alonso.
- 9** **Title of the work:** Oleoylethanolamide attenuates neuroinflammation and microgliosis induced by the cerebellar neurodegeneration of the PCD mutant mouse
Name of the conference: 50th Annual Meeting of the Society for Neuroscience
City of event: Chicago (online), United States of America
Date of event: 10/11/2021
End date: 11/11/2021
Organising entity: Society for Neuroscience
Ester Pérez Martín; Laura Pérez Revuelta; Pablo Téllez de Meneses; David Díaz; Eduardo Weruaga.
- 10** **Title of the work:** Oleoylethanolamide treatment modulates neuroinflammation and microgliosis in a mouse model of cerebellar neurodegeneration.
Name of the conference: 19th National Meeting of the Spanish Society of Neuroscience

City of event: Lleida, Catalonia, Spain

Date of event: 03/11/2021

End date: 05/11/2021

Organising entity: Sociedad Española de Neurociencia

Ester Pérez Martín; David Pérez Boyero; Carmelo Antonio Ávila Zarza; David Díaz; Eduardo Weruaga.

- 11 Title of the work:** The effect of neurotrophic factor on the cerebellar destructure associated with autism spectrum disorders.

Name of the conference: 19th National Meeting of the Spanish Society of Neuroscience

City of event: Lleida, Catalonia, Spain

Date of event: 03/11/2021

End date: 05/11/2021

Organising entity: Sociedad Española de Neurociencia

Laura Pérez Revuelta; Ester Pérez Martín; Pablo Téllez de Meneses; Eduardo Weruaga; José Ramón Alonso; David Díaz.

- 12 Title of the work:** More is less? Study of microglial cells in the Purkinje Cell Degeneration mouse

Name of the conference: FENS 2020 Virtual Forum

City of event: Glasgow, United Kingdom

Date of event: 15/07/2020

End date: 15/07/2020

Organising entity: Federation of European Neuroscience Societies

David Pérez Boyero; Carlos Hernández Pérez; Ester Pérez Martín; Carlos del Pilar Rodríguez; María José Sánchez Domínguez; José Ramón Alonso Peña; David Díaz López; Eduardo Weruaga Prieto.

- 13 Title of the work:** The effect of neurotrophic factors on the cerebellar destructure associated with autism spectrum disorders

Name of the conference: FENS 2020 Virtual Forum

City of event: Glasgow, United Kingdom

Date of event: 15/07/2020

End date: 15/07/2020

Organising entity: Federation of European Neuroscience Societies

Laura Pérez Revuelta; Ester Pérez Martín; Carlos Hernández Pérez; María Nieto Sobrino; Valeria Lorena Cabedo; Eduardo Weruaga Prieto; David Díaz López; José Ramón Alonso Peña.

- 14 Title of the work:** Synergistic effect of a combined drug- and cell-based therapy as an alternative approach for neurodegenerative diseases

Name of the conference: FENS 2020 Virtual Forum

City of event: Glasgow, United Kingdom

Date of event: 14/07/2020

End date: 15/07/2020

Organising entity: Federation of European Neuroscience Societies

Ester Pérez Martín; David Pérez Boyero; Laura Pérez Revuelta; Pablo Tellez de Meneses; Carmelo Ávila Zarza; David Díaz López; Eduardo Weruaga Prieto.

- 15 Title of the work:** Factores neurotróficos y su efecto terapéutico ante la desestructuración cerebelosa asociada a los trastornos del espectro del autismo

Name of the conference: II Jornadas de Jóvenes Investigadores INNOVA-Salamanca

City of event: Salamanca, Castile and León, Spain

Date of event: 26/09/2019

End date: 27/09/2019

Organising entity: INNOVA Salamanca



Laura Pérez Revuelta; Carlos Hernández Pérez; Ester Pérez Martín; María Nieto Sobrino; María José Sánchez Domínguez; David Díaz López.

- 16 Title of the work:** Study of nitric oxide synthases in the mouse main olfactory bulb
Name of the conference: II Jornadas de Jóvenes Investigadores INNOVA-Salamanca
City of event: Salamanca, Castile and León, Spain
Date of event: 26/09/2019
End date: 27/09/2019
Organising entity: INNOVA Salamanca
David Pérez Boyero; Ester Pérez Martín; Carlos del Pilar Rodríguez; David Díaz López; Ana de la Mata Sampedro. "Study of nitric oxide synthases in the mouse main olfactory bulb".
- 17 Title of the work:** The neuroprotective effect of oleoylethanolamide in a model of cerebellar degeneration is mediated by PPAR alpha receptor
Name of the conference: II Jornadas de Jóvenes Investigadores INNOVA-Salamanca
City of event: Salamanca, Castile and León, Spain
Date of event: 26/09/2019
End date: 27/09/2019
Organising entity: INNOVA Salamanca
Ester Pérez Martín; David Pérez Boyero; Laura Pérez Revuelta; Carlos Hernández Pérez; Carlos del Pilar Rodríguez; David Díaz López. "The neuroprotective effect of oleoylethanolamide in a model of cerebellar degeneration is mediated by PPAR alpha receptor".
- 18 Title of the work:** Oleoylethanolamine restores the neurobehavioral deficits observed in a model of cerebellar degeneration
Name of the conference: 18th National Meeting of the Spanish Society of Neuroscience
City of event: Santiago de Compostela, Galicia, Spain
Date of event: 04/09/2019
End date: 06/09/2019
Organising entity: Sociedad Española de Neurociencia
Ester Pérez Martín; David Díaz López; Carlos Del Pilar Rodríguez; María José Sánchez Domínguez; José Ramón Alonso Peña; Eduardo Weruaga Prieto.
- 19 Title of the work:** Plasticity of Nitric Oxide Synthases in the mouse olfactory bulb
Name of the conference: 18th National Meeting of the Spanish Society of Neuroscience
City of event: Santiago de Compostela, Galicia, Spain
Date of event: 04/09/2019
End date: 06/09/2019
Organising entity: Sociedad Española de Neurociencia
David Pérez Boyero; Ana De la Mata Sampedro; Ester Pérez Martín; María José Sánchez Domínguez; Carlos Del Pilar Rodríguez; David Díaz López; Eduardo Weruaga Prieto.
- 20 Title of the work:** Analysis of the neuroresistance of the cerebellar lobule X in the PCD mouse
Name of the conference: 11th FENS Forum of Neuroscience
City of event: Berlín, Berlin, Germany
Date of event: 07/07/2018
End date: 11/07/2018
Organising entity: Federation of European Neuroscience Societies
Carlos Hernández Pérez; David Díaz López; Ester Pérez Martín; Carlos del Pilar Rodríguez; José Ramón Alonso Peña; Eduardo Weruaga Prieto.



- 21** **Title of the work:** Immature myeloid cells as a new therapeutic approach against neuroinflammatory disorders
Name of the conference: 11th FENS Forum of Neuroscience
City of event: Berlín, Berlin, Germany
Date of event: 07/07/2018
End date: 11/07/2018
Organising entity: Federation of European Neuroscience Societies
Carlos del Pilar Rodríguez; David Díaz López; Carlos Hernández Pérez; Ester Pérez Martín; José Ramón Alonso Peña; Eduardo Weruaga Prieto.
- 22** **Title of the work:** OEA treatment as a neuroprotective drug in the neurodegenerative PCD mutant mouse
Name of the conference: 11th FENS Forum of Neuroscience
City of event: Berlín, Berlin, Germany
Date of event: 07/07/2018
End date: 11/07/2018
Organising entity: Federation of European Neuroscience Societies
Ester Pérez Martín; David Díaz López; Carlos del Pilar Rodríguez; Carlos Hernández Pérez; José Ramón Alonso Peña; Eduardo Weruaga Prieto.
- 23** **Title of the work:** Combining cell and gene therapy: from reducing brain damage to a complete recovery
Name of the conference: VII Jornadas Olfativas
City of event: Asturias, Castile and León, Spain
Date of event: 10/05/2018
End date: 13/05/2018
Organising entity: Red Olfativa Española
David Díaz López; Carlos del Pilar Rodríguez; Ester Pérez Martín; José Ramón Alonso Peña; Eduardo Weruaga Prieto.
- 24** **Title of the work:** N-oleoylethanolamine as a neuroprotective drug against the cerebellar degeneration of the PCD mutant mouse
Name of the conference: VII Jornadas Olfativas
City of event: Asturias, Principality of Asturias, Spain
Date of event: 10/05/2018
End date: 13/05/2018
Organising entity: Red Olfativa Española
Ester Pérez Martín; Carlos Hernández Pérez; Carmelo Ávila Zarza; David Díaz López; Eduardo Weruaga Prieto.
- 25** **Title of the work:** The lobule X of cerebellum resists longer the neuronal death of the PCD mouse
Name of the conference: VII Jornadas Olfativas
City of event: Asturias, Castile and León, Spain
Date of event: 10/05/2018
End date: 13/05/2018
Organising entity: Red Olfativa Española
Carlos Hernández Pérez; Ester Pérez Martín; Carlos del Pilar Rodríguez; David Díaz López; Eduardo Weruaga Prieto.
- 26** **Title of the work:** Leukocyte recruitment into the mouse brain is influenced by the inflammatory status
Name of the conference: I Jornadas de Jóvenes Investigadores INNOVA Salamanca
City of event: Salamanca, Castile and León, Spain
Date of event: 04/05/2018
End date: 05/05/2018



Organising entity: INNOVA Salamanca

Carlos del Pilar Rodríguez; Ester Pérez Martín; Carlos Hernández Pérez; Eduardo Weruaga Prieto.

27 Title of the work: N-oleoylethanolamine as a neuroprotective drug against the cerebellar degeneration of the PCD mutant mouse

Name of the conference: I Jornadas de Jóvenes Investigadores INNOVA Salamanca

City of event: Salamanca, Castile and León, Spain

Date of event: 04/05/2018

End date: 05/05/2018

Organising entity: INNOVA Salamanca

Ester Pérez Martín; Carlos Hernández Pérez; Carlos del Pilar Prieto; David Díaz López.

28 Title of the work: Study of the cerebellar lobule X, a resistant region to neurodegeneration

Name of the conference: I Jornadas de Jóvenes Investigadores INNOVA Salamanca

City of event: Salamanca, Castile and León, Spain

Date of event: 04/05/2018

End date: 05/05/2018

Organising entity: INNOVA Salamanca

Carlos Hernández Pérez; Carlos del Pilar Rodríguez; Ester Pérez Martín; David Díaz López.

29 Title of the work: Plasticity at the olfactory epithelium: smell perception under both experimental and pathological conditions.

Name of the conference: 10th FENS Forum of Neuroscience

City of event: Copenhagen, Denmark

Date of event: 02/07/2016

End date: 06/07/2016

Organising entity: Federation of European Neuroscience Societies

Xavier Castro Ramírez; David Díaz López; Franco, F.; Gil, M.; Ester Pérez Martín; Carlos del Pilar Rodríguez; Carmelo Ávila Zarza; Eduardo Weruaga Prieto.

30 Title of the work: Normal olfactory capability: first step to the detection of olfactory disorders using the Barcelona Smell Test BAST-24

Name of the conference: VI Jornadas Olfativas

City of event: Asturias, Principality of Asturias, Spain

Date of event: 05/05/2016

End date: 07/05/2016

Organising entity: Red Olfativa Española

Xavier Castro Ramírez; David Díaz López; Franco, F.; Gil, M.; Ester Pérez Martín; Carlos del Pilar Rodríguez; Carmelo Ávila Zarza; Eduardo Weruaga Prieto.

Works submitted to national or international seminars, workshops and/or courses

1 Title of the work: Terapia celular combinada con el fármaco neuroprotector N-oleiletanolamina en un modelo murino de degeneración neuronal selectiva

Name of the event: Sesiones Científicas del Grupo de Investigación ITS

Corresponding author: Yes

City of event: Oviedo, Spain

Date of event: 20/07/2022

End date: 20/07/2022

Organising entity: Grupo Investigación "Intervenciones Traslacionales para la Salud", Universidad de Oviedo



City organizing entity: Oviedo, Spain
Ester Pérez Martín.

- 2** **Title of the work:** IX Seminario INCYL: Cuanto más, ¿mejor? Combinación de estrategias terapéuticas para hacer frente a la neurodegeneración cerebelosa
Name of the event: Semana del Cerebro 2022
City of event: Salamanca, Spain
Date of event: 18/03/2022
End date: 18/03/2022
Organising entity: Unidad de Cultura Científica e Innovación (UCC+i), Universidad de Salamanca
- 3** **Title of the work:** ¿Cómo se evalúan los fármacos antes de llegar a los estantes de la farmacia?
Name of the event: ¿Científico/a se nace o se hace?: La importancia de una buena motivación en la escuela
Date of event: 03/02/2021
End date: 04/02/2021
Organising entity: Universidad Católica "Santa Teresa de Jesús"
City organizing entity: Ávila, Castile and León, Spain
- 4** **Title of the work:** Talleres de Ciencia e Innovación
Name of the event: I Semana de la Innovación del IBSAL
City of event: Salamanca, Castile and León, Spain
Date of event: 19/11/2018
End date: 23/11/2018
Organising entity: Instituto de Investigación Biomédica de Salamanca
City organizing entity: Salamanca, Spain
- 5** **Title of the work:** Visita-Taller al Instituto de Neurociencias de Castilla y León (Taller olfato y gusto)
Name of the event: Campamentos de verano Universidad de Salamanca
City of event: Salamanca, Castile and León, Spain
Date of event: 24/07/2018
End date: 26/07/2018
Organising entity: Universidad de Salamanca
- 6** **Title of the work:** Experiencias de Neurocientíficas y papel de la Mujer en la Ciencia
Name of the event: Jornada de Mujeres Neurocientíficas en Salamanca
Type of event: Workshop
City of event: Salamanca, Castile and León, Spain
Date of event: 12/02/2018
End date: 12/02/2018
Organising entity: Sociedad Española de Neurociencia, Comité de Mujeres en Neurociencia



Science Outreach activities

- 1** **Title of the work:** ¡Hablemos de neuromitos!
Name of the event: Pint of Science Oviedo 2024
Type of event: Conferences given
City of event: Oviedo, Spain
Date of event: 15/05/2024
Organising entity: Pint of Science Spain
Pérez Martín.
- 2** **Title of the work:** II Feria de la Ciencia y la Innovación de Asturias
Name of the event: II Feria de la Ciencia y la Innovación de Asturias
Type of event: Fairs and exhibitions
Corresponding author: No
City of event: Oviedo, Spain
Date of event: 26/04/2024
Organising entity: Consejería de Ciencia, Empresas, Formación y Empleo de Asturias, SEKUNES y FICYT
- 3** **Title of the work:** El cerebro, una sinfonía neuronal que orchestra nuestra vida
Name of the event: II Edición charlas TED "Saucanos, en confianza"
Type of event: Conferences given
City of event: Fuentesauco, Spain
Date of event: 29/12/2023
Organising entity: Asociación Cultural Prado de la Reguera
- 4** **Title of the work:** Noche Europea de los Investigadores y las Investigadoras
Name of the event: European Researchers' Night
City of event: Oviedo, Spain
Date of event: 29/09/2023
Organising entity: Universidad de Oviedo **Type of entity:** University
- 5** **Title of the work:** Enseñando la ciencia: Qué hace y cómo funciona el cerebro
Name of the event: XXII Semana de la Ciencia y la Innovación de la Universidad de Oviedo
City of event: Oviedo, Principality of Asturias, Spain
Date of event: 08/11/2022
Organising entity: Universidad de Oviedo
- 6** **Title of the work:** Noche Europea de los Investigadores e Investigadoras
Name of the event: European Researchers' Night
City of event: Oviedo, Spain
Date of event: 20/09/2022
Organising entity: Universidad de Oviedo
- 7** **Title of the work:** FENS Social Media Ambassador 2022
Name of the event: FENS Forum 2022
City of event: Paris, Spain
Date of event: 13/07/2022
Organising entity: Federation of European Neuroscience Societies



- 8** **Title of the work:** Charla divulgativa "Oler, ver y saborear con el cerebro"
City of event: Salamanca, Castile and León, Spain
Date of event: 08/03/2019
Organising entity: Colegio Santa Teresa de Jesús
- 9** **Title of the work:** Oler, ver y saborear con el cerebro
Name of the event: Charlas en el Alfoz de Salamanca
City of event: Salamanca, Castile and León, Spain
Date of event: 07/03/2019
Organising entity: Universidad de Salamanca
- 10** **Title of the work:** Holocausto Zombi
Name of the event: Noche Europea de los Investigadores 2018
City of event: Salamanca, Castile and León, Spain
Date of event: 04/02/2019
Organising entity: Universidad de Salamanca
- 11** **Title of the work:** Talleres de Ciencia e Innovación
Name of the event: I Semana de la Innovación
City of event: Salamanca, Castile and León, Spain
Date of event: 23/11/2018
Organising entity: Instituto de Investigación Biomédica de Salamanca (Unidad de Innovación)
- 12** **Title of the work:** Visita-Taller al Instituto de Neurociencias de Castilla y León
Name of the event: Campamentos de Verano Universidad de Salamanca
City of event: Salamanca, Castile and León, Spain
Date of event: 25/07/2018
Organising entity: Universidad de Salamanca
- 13** **Title of the work:** Semana del cerebro 2018
Name of the event: Semana del cerebro 2018
City of event: Salamanca, Castile and León, Spain
Date of event: 18/03/2018
Organising entity: Instituto de Neurociencias de Castilla y León
City organizing entity: Salamanca, Castile and León, Spain
- 14** **Title of the work:** Jornada de Mujeres Neurocientíficas en Salamanca
Name of the event: I Jornada de Neurocientíficas
Corresponding author: Yes
City of event: Salamanca, Castile and León, Spain
Date of event: 12/02/2018
Organising entity: Sociedad Española de Neurociencia, Comité de Mujeres en Neurociencia
City organizing entity: Castile and León, Spain
Ester Pérez Martín.
- 15** **Title of the work:** Semana de la Ciencia 2017
Name of the event: Semana de la Ciencia
City of event: Salamanca, Castile and León, Spain
Date of event: 13/11/2017
Organising entity: Universidad de Salamanca, Servicio de Actividades Culturales



- 16** **Title of the work:** Semana del Cerebro 2017 en Salamanca: divulgación neurocientífica para todos los públicos
Name of the event: Brain Awareness Week
City of event: Salamanca, Castile and León, Spain
Date of event: 13/03/2017
Organising entity: Sociedad Española de Neurociencias, Universidad de Salamanca
- 17** **Title of the work:** Semana del Cerebro en Salamanca: divulgación y talleres de neurociencia
Name of the event: Brain Awareness Week
City of event: Salamanca, Castile and León, Spain
Date of event: 15/03/2016
Organising entity: Sociedad Española de Neurociencia, Universidad de Salamanca

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

Committee title: Miembro Evaluador de Tribunal de Tesis Doctoral (Participación: vocal)
Affiliation entity: Universidad de Oviedo
City affiliation entity: Oviedo, Spain
Start-End date: 26/07/2024 - 26/07/2024
Relevant results: Vocal del Tribunal de Tesis Doctoral titulada "Impacto de los alelos intermedios en el gen de la huntingtina en pacientes con enfermedad de Alzheimer de origen esporádico" para la obtención de grado de Doctor por la Universidad de Oviedo de D. Juan Castilla Silgado.

R&D management

- 1** **Name of the activity:** Pint of Science Oviedo
Performed tasks: Responsable de Redes Sociales y Diseño
Entity: Pint of Science España
Start date: 29/11/2023 **Duration:** 8 months
- 2** **Name of the activity:** Jornada de Mujeres Neurocientíficas en Salamanca
Type of management: Management of organised events
Performed tasks: Organizador del evento en la ciudad de Salamanca.
Entity: Sociedad Española de Neurociencias, Comité de Mujeres en Neurociencia
Start date: 12/02/2018



Other achievements

Stays in public or private R&D centres

- 1** **Entity:** Centro de Cirugía de Mínima Invasión Jesús Usón
City of entity: Cáceres, Spain
Start-End date: 04/03/2024 - 12/06/2024
Goals of the stay: Post-doctoral
Type of stay: Investigación
Type of entity: Technological Centre
Duration: 3 months
- 2** **Entity:** Albert Einstein College of Medicine
City of entity: Nueva York, United States of America
Start-End date: 13/09/2021 - 11/12/2021
Funding entity: Ministerio de Universidades
Name of programme: Estancia Breve de Investigación Programa de Formación de Profesorado Universitario FPU (EST19/00381)
Goals of the stay: Doctorate
Type of entity: R&D Centre
Duration: 3 months

Obtained grants and scholarships

- 1** **Name of the grant:** Ayudas complementarias de movilidad destinadas a beneficiarios del programa de Formación del Profesorado Universitario (EST19/00381)
Aims: Pre-doctoral
Awarding entity: Ministerio de Universidades
Amount of the grant: 5.760 €
Conferral date: 18/09/2020
End date: 11/12/2021
Entity where activity was carried out: Albert Einstein College of Medicine
- 2** **Name of the grant:** FENS Grant for SfN Meeting 2021
Aims: Travel Grant
Awarding entity: Federation of European Neuroscience Societies (FENS)
Conferral date: 19/11/2021
End date: 19/11/2021
- 3** **Name of the grant:** FENS Grant and Voucher Programme grant
Aims: Asistencia a congresos
Awarding entity: Federation of European Neuroscience Societies
Amount of the grant: 75 €
Conferral date: 15/05/2020
End date: 15/05/2020
- 4** **Name of the grant:** Becas de la Sociedad Española de Neurociencias para participar en el Forum de la FENS
Aims: Asistencia a congresos
Awarding entity: Sociedad Española de Neurociencia



Amount of the grant: 0 €
Conferral date: 11/03/2020
End date: 11/03/2020

5 Name of the grant: Beca-colaboración Curso 2015/2016

Aims: Pre-doctoral

Awarding entity: Ministerio de Educación, Cultura y Deporte **Type of entity:** Organismo público

Amount of the grant: 2.000 €

Conferral date: 30/10/2015

Duration: 8 months

End date: 08/07/2016

Entity where activity was carried out: Universidad de Salamanca

Faculty, institute or centre: Instituto de Neurociencias de Castilla y León

6 Name of the grant: Ayuda para contratos predoctorales para la Formación de Profesorado Universitario (FPU16/04259)

Aims: Pre-doctoral

Awarding entity: Ministerio de Educación, Cultura y Deporte **Type of entity:** Organismo Público

Amount of the grant: 100.000 €

Conferral date: 21/07/2017

Duration: 4 years

Entity where activity was carried out: Universidad de Salamanca

Faculty, institute or centre: Instituto de Neurociencias de Castilla y León

7 Name of the grant: Beca de Introducción a la investigación para estudiantes de posgrado JAE 2016

Aims: Pre-doctoral

Awarding entity: Consejo Superior de Investigaciones Científicas

Type of entity: State agency

Conferral date: 13/07/2016

Scientific societies and professional associations

1 Name of the society: Instituto de Investigación Biomédica de Salamanca (IBSAL)

City affiliation entity: Salamanca, Castile and León, Spain

Start-End date: 22/02/2018 - 22/07/2022

2 Name of the society: Red Olfativa Española (ROE)

Start-End date: 24/05/2016 - 22/07/2022

3 Name of the society: INNOVA Salamanca

City affiliation entity: Salamanca, Castile and León, Spain

Start-End date: 17/06/2019 - 01/03/2022

4 Name of the society: Instituto de Investigación Sanitaria del Principado de Asturias (ISPA)

City affiliation entity: Oviedo, Spain

Start date: 01/01/2024

5 Name of the society: Federation of European Neuroscience Societies (FENS)

Start date: 01/01/2018



- 6 Name of the society:** Sociedad Española de Neurociencia (SENC)
Start date: 01/01/2018

Co-operation networks

Name of the network: Red Española de Investigación sobre el Cerebelo y sus Trastornos
Identification of the network: REICYT
Start date: 23/04/2024

Prizes, mentions and distinctions

- 1 Description:** Extraordinary Doctorate Degree Award / Premio Extraordinario de Doctorado
Awarding entity: University of Salamanca / Universidad de Salamanca
City awarding entity: Salamanca, Spain
Conferral date: 21/12/2023
- 2 Description:** Extraordinary MSc Degree Award / Premio Extraordinario de Máster
Awarding entity: University of Salamanca / Universidad de Salamanca
City awarding entity: Salamanca, Castile and León, Spain
Conferral date: 14/03/2018
- 3 Description:** Extraordinary BSc Degree Award / Premio Extraordinario de Grado
Awarding entity: University of Salamanca / Universidad de Salamanca
City awarding entity: Salamanca, Castile and León, Spain
Conferral date: 14/03/2017

Obtained accreditations/recognitions

- 1 Description:** Acreditación Función d "Diseño de los Proyectos y Procedimientos" para el manejo de animales con fines de experimentación y otros fines científicos (ECC/566/2015)
Accrediting entity: Consejería de Medio Ambiente, Vivienda y Agricultura (Comunidad de Madrid)
City accrediting entity: Madrid, Community of Madrid, Spain
Date of recognition: 29/03/2029
- 2 Description:** Acreditación Figura Profesora Ayudante Doctor de Universidad
Accrediting entity: Agencia para la Calidad del Sistema Universitario de Castilla y León
Date of recognition: 19/04/2024
- 3 Description:** Acreditación Figura Profesora Contratada Doctor y Profesora Universidad Privada
Accrediting entity: Agencia para la Calidad del Sistema Universitario de Castilla y León
Date of recognition: 19/04/2024
- 4 Description:** Acreditación Función e "Supervisión 'in situ' del bienestar y cuidado de los animales" para el manejo de animales con fines de experimentación y otros fines científicos (ECC/566/2015)
Accrediting entity: Consejería de Medio Ambiente, Agricultura e Interior (Comunidad de Madrid)
City accrediting entity: Madrid, Community of Madrid, Spain
Date of recognition: 28/07/2023



5 Description: Acreditación Funciones a, b y c "Cuidado, eutanasia y realización de procedimientos" para el manejo de animales con fines de experimentación y otros fines científicos (ECC/566/2015)

Accrediting entity: Consejería de Agricultura y Ganadería (Junta de Castilla y León)

City accrediting entity: Castile and León, Spain

Date of recognition: 25/10/2017