

**c v n** CURRÍCULUM VITAE NORMALIZADO



**José Ramón Pineda Martí**

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Date of document: 05/10/2023

**v 1.4.3**

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## 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.

**Citations: 2405** (Scholar Google)

i10-index: 22

Positive evaluation of **3 "Ikertramos"** from the Quality Agency of the Basque University System (UNIBASQ). Positive evaluation of **3 "Sexenios"** from the National Commission for the Evaluation of Research Activity (CNEAI).

To date I am the supervisor of **6 PhD students (2 already defended with outstanding mark), 3 master students, 3 grade student** and a student from a collaboration agreement between the Achucarro Basque Center for Neuroscience Fundazioa and the University of Salamanca. I shared my time to perform science divulgation publishing in **Mapping Ignorance**, a collaborative blog specialized in the dissemination of recent scientific research (research blogging) sponsored by the Chair of Scientific Culture of the UPV / EHU and the Euskampus Foundation.

At professional level, I have been **member of the organization committee** of the (French and Spanish Basque Country) scientific congress "**NeuroGune 2016**" as well as the "**Achucarro International Glia School** " (1st edition in 2018, and 2nd edition in 2021): The first School devoted to the study of the Glia that meet researchers and PhD students from Australia, Austria, India, Ukraine, Iran, Pakistan, Chile, Colombia, Mexic, France, Hungary, Italy, Portugal, Holland, Switzerland, United Kingdom, South Africa and Australia during its both editions.

At "social" level I participated in the **organization**, as well on the **science divulgation to public audience** during the "Pint of Science" festival.

Selected for audition in both competitive recruitment campaigns (2012 and 2013) for French INSERM and CNRS organizations.

Selected for audition to be recruited as "Maître de Conférences" in the Universities VII "Paris Diderot" and V "Paris Descartes".



## José Ramón Pineda Martí

**Surname(s):** Pineda Martí  
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**ResearcherID:** F-9710-2015  
**Date of birth:** 13/10/1978  
**Gender:** Male  
**Nationality:** Spain  
**Country of birth:** Spain  
**Aut. region/reg. of birth:** Valencian Community  
**Contact province:** Biscay  
**City of birth:** València  
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**Contact aut. region/reg.:** Basque Country  
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### Current professional situation

**Employing entity:** Universidad del País Vasco    **Type of entity:** University  
**Department:** Facultad de Medicina y Enfermería  
**Professional category:** Researcher (IDP)  
**City employing entity:** Leioa, Basque Country, Spain  
**Phone:** (+34) 6012426    **Email:** joseamon.pinedam@ehu.eus;jr.pineda.marti@gmail.com;jr.pineda@achucarro.org

**Start date:** 29/09/2020

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

**Primary (UNESCO code):** 249000 - Neurosciences

**Secondary (UNESCO code):** 240700 - Cell biology

**Tertiary (UNESCO code):** 240799 - Other; 249002 - Neurochemistry

**Performed tasks:** Our laboratory works on the study of the intrinsic properties of both dental and neural stem cells, vasculogenesis and strategies for neuroprotection and neuroregeneration.

**Identify key words:** Molecular mechanism of disease; Laboratory animals; Cell culture; Histology; Cell biology

**Field of management activity:** Public Research Body

### Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad del País Vasco	"Ramón y Cajal" fellow	01/03/2019
2	Achucarro Basque Center for Neuroscience Fundazioa	Senior Researcher	07/01/2015
3	French Alternative Energies and Atomic Energy Commission (Commissariat à l'énergie atomique et aux énergies alternatives)	Postdoc	02/11/2009
4	Institut Curie	Postdoc	15/01/2007
5	University of Barcelona	Predocctoral fellow	01/01/2002

- 1** **Employing entity:** Universidad del País Vasco **Type of entity:** University  
**Professional category:** "Ramón y Cajal" fellow  
**Start-End date:** 01/03/2019 - 28/09/2020
- 2** **Employing entity:** Achucarro Basque Center for Neuroscience Fundazioa **Type of entity:** Foundation  
**Professional category:** Senior Researcher  
**Start-End date:** 07/01/2015 - 28/02/2019
- 3** **Employing entity:** French Alternative Energies and Atomic Energy Commission (Commissariat à l'énergie atomique et aux énergies alternatives) **Type of entity:** R&D Centre  
**City employing entity:** Fontenay-aux-Roses, Île de France, France  
**Professional category:** Postdoc **Educational Management (Yes/No):** No  
**Start-End date:** 02/11/2009 - 24/10/2014  
**Type of contract:** Temporary employment contract  
**Dedication regime:** Full time  
**Primary (UNESCO code):** 249000 - Neurosciences  
**Secondary (UNESCO code):** 240700 - Cell biology  
**Tertiary (UNESCO code):** 249002 - Neurochemistry  
**Performed tasks:** STUDY OF THE EFFECTS OF HIGH DOSES OF RADIATION ON NEURAL STEM CELLS AND THEIR MICROENVIRONMENT. CHARACTERIZATION OF A NEW TYPE OF BRAIN CANCER STEM CELLS TELOMERASE NEGATIVE (GLIOMA ALT). STUDY OF AURORA B INHIBITION ON THE INVASIVE POTENTIAL OF GLIOMA CELLS.  
**Identify key words:** Molecular mechanism of disease; Laboratory animals; Cell culture; Cell biology  
**Applicability in teaching and/or research:** I also would like to emphasize the impact to general audiences of my latest work: <http://www.science.gouv.fr/fr/actualites/bdd/res/4865/produire-de-nouveaux-neurones-en-toutes-circonstances-un-defi-a-portee-de-souris-hellip-/> <http://www.aviesan.fr/aviesan/accueil/toute-l-actualite/produire-de-nouveaux-neurones-en-toutes-circonstances-un-defi-a-portee-de-souris> [http://www.lepoint.fr/editos-du-point/anne-jeanblanc/l-alteration-des-neurones-n-est-plus-une-fatalite-02-04-2013-1649458\\_57.php](http://www.lepoint.fr/editos-du-point/anne-jeanblanc/l-alteration-des-neurones-n-est-plus-une-fatalite-02-04-2013-1649458_57.php) <http://pourquoi-docteur.nouvelobs.com/Des-chercheurs-restaurent-la-production-de-nouveaux-neurones-2352.html>
- 4** **Employing entity:** Institut Curie **Type of entity:** Private non-profit foundation  
**City employing entity:** Orsay-Ville, Île de France, France  
**Professional category:** Postdoc **Educational Management (Yes/No):** No  
**Start-End date:** 15/01/2007 - 31/10/2009 **Duration:** 2 years - 10 months  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)  
**Dedication regime:** Full time  
**Primary (UNESCO code):** 249000 - Neurosciences  
**Secondary (UNESCO code):** 240700 - Cell biology



**Tertiary (UNESCO code):** 240701 - Cell culture

**Identify key words:** Molecular mechanism of disease

**Applicability in teaching and/or research:** FECYT postdoctoral grant. Two first author papers ("Molecular Brain" and "The journal of Clinical Investigation")

**5 Employing entity:** University of Barcelona

**Department:** Biología Celular y Anatomía Patológica, Medicine school

**City employing entity:** Barcelona, Catalonia, Spain

**Professional category:** Predoctoral fellow

**Educational Management (Yes/No):** Yes

**Start-End date:** 01/01/2002 - 31/12/2006

**Duration:** 5 years

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

**Dedication regime:** Full time

**Primary (UNESCO code):** 249000 - Neurosciences

**Secondary (UNESCO code):** 240700 - Cell biology

**Tertiary (UNESCO code):** 240799 - Other

**Performed tasks:** PhD STUDENT

**Identify key words:** Molecular mechanism of disease; Cell culture; Molecular, cellular and genetic biology; Laboratory animal science

**Field of management activity:** University

**Applicability in teaching and/or research:** RESEARCH ACTIVITY (THESIS) AND TEACHING (REPRODUCTION AND HUMAN DEVELOPMENT, NEUROBIOLOGY, STRUCTURE AND FUNCTION OF THE DIGESTIVE SYSTEM ENDOCRINE, METABOLISM AND NUTRITION SUBJECTS).



## Education

### University education

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

**University degree:** Higher degree

**Name of qualification:** Biological sciences

**City degree awarding entity:** Valencian Community, Spain

**Degree awarding entity:** Valencia University      **Type of entity:** University

**Date of qualification:** 06/09/2001

**Average mark:** Good

#### Doctorates

**Doctorate programme:** Neuroscience PhD by Barcelona University

**Degree awarding entity:** University of Barcelona      **Type of entity:** University

**City degree awarding entity:** Barcelona, Catalonia, Spain

**Date of degree:** 01/12/2006

**DEA awarding entity:** University of Barcelona

**Date DEA was awarded:** 16/07/2003

**European doctorate:** No

**Thesis title:** Implication of the neurotrophic factors in the physiopathology and protection in Huntington disease

**Thesis director:** Jordi Alberch Vie

**Thesis co-director:** Josep Maria Canals Coll

**Obtained qualification:** Excellent (outstanding) Cum laude

**Recognition of quality:** No

**Special doctorate award:** Yes

**Date of award:** 02/12/2008

#### Other postgraduate university studies

**Type of education:** Postgraduate

**Postgraduate qualification:** Advanced Studies Diploma (DEA)

**City degree awarding entity:** Barcelone, Catalonia, Spain

**Degree awarding entity:** University of Barcelona      **Type of entity:** University

**Date of qualification:** 16/07/2003

**Obtained qualification:** Excellent



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

- 1** **Training title:** The first R: replacement strategy in animal experimentation  
**Awarding entity:** University of the Basque Country (UPV/EHU)  
**End date:** 01/12/2022 **Duration in hours:** 4 hours
- 2** **Type of training:** Course  
**Training title:** EU-25: Project evaluation  
**City awarding entity:** Eye, United Kingdom  
**Awarding entity:** Education & Training Platform for Laboratory Animal Science (ETPLAS)  
**Training manager:** Nuno Henrique Franco  
**End date:** 22/08/2022 **Duration in hours:** 4 hours
- 3** **Type of training:** Course  
**Training title:** EU-52: Searching for (existing) non-animal alternatives  
**City awarding entity:** Eye, United Kingdom  
**Awarding entity:** Education & Training Platform for Laboratory Animal Science (ETPLAS)  
**Training manager:** Nuno Henrique Franco  
**End date:** 22/08/2022 **Duration in hours:** 4 hours
- 4** **Type of training:** Course  
**Training title:** EU-60: Developing in vitro methods and approaches for scientific and regulatory use  
**City awarding entity:** Eye, United Kingdom  
**Awarding entity:** Education & Training Platform for Laboratory Animal Science (ETPLAS)  
**Training manager:** Nuno Henrique Franco  
**End date:** 27/07/2022 **Duration in hours:** 5 hours
- 5** **Type of training:** Course  
**Training title:** EU-12: The severity assessment framework  
**City awarding entity:** Eye, United Kingdom  
**Awarding entity:** Education & Training Platform for Laboratory Animal Science (ETPLAS)  
**Training manager:** Nuno Henrique Franco  
**End date:** 26/07/2022 **Duration in hours:** 7 hours
- 6** **Type of training:** Course  
**Training title:** EU-10: Design of procedures and projects - level 1  
**City awarding entity:** Eye, United Kingdom  
**Awarding entity:** Education & Training Platform for Laboratory Animal Science (ETPLAS)  
**Training manager:** Nuno Henrique Franco  
**End date:** 22/07/2022 **Duration in hours:** 4 hours
- 7** **Type of training:** Course  
**Training title:** EU-11: Design of procedures and projects - level 2  
**City awarding entity:** Eye, United Kingdom  
**Awarding entity:** Education & Training Platform for Laboratory Animal Science (ETPLAS)  
**Training manager:** Nuno Henrique Franco  
**End date:** 22/07/2022 **Duration in hours:** 3 hours





- 8** **Type of training:** Course  
**Training title:** Predictive Model Systems (PREMOS) Cluster Consensus Meeting: Improving the translational value of animal models  
**City awarding entity:** Brussels (online), Belgium  
**Awarding entity:** European Brain Research Area (EBRA) **Type of entity:** European Brain Council  
**Training manager:** Kristen Aarts  
**End date:** 01/07/2022 **Duration in hours:** 2 hours
- 9** **Training title:** Cibersecurity (FOPU course)  
**Awarding entity:** University of the Basque Country (UPV/EHU)  
**End date:** 23/01/2020 **Duration in hours:** 25 hours
- 10** **Training title:** Patents, copyrights, transfer of research results ... what they are, how they are managed at the UPV / EHU  
**Awarding entity:** University of the Basque Country (UPV/EHU) **Type of entity:** University  
**End date:** 18/06/2019 **Duration in hours:** 10 hours
- 11** **Type of training:** Course  
**Training title:** Course "Good Practices in the Laboratory (II): Hazardous Waste"  
**City awarding entity:** Leioa, Basque Country, Spain  
**Awarding entity:** University of the Basque Country (UPV/EHU) **Type of entity:** University  
**End date:** 25/03/2019 **Duration in hours:** 25 hours
- 12** **Type of training:** Course  
**Training title:** Security Awareness - Biological hazards, Chemical, Radiological.  
**City awarding entity:** Fontenay-aux-Roses, Île de France, France  
**Awarding entity:** French Alternative Energies and Atomic Energy Commission (Commissariat à l'énergie atomique et aux énergies alternatives) **Type of entity:** R&D Centre  
**Aims of the entity:** Staff training  
**Training manager:** Annick Jouve  
**End date:** 01/12/2009 **Duration in hours:** 8 hours
- 13** **Type of training:** Course  
**Training title:** Axonal transport defects and neurodegenerative diseases: strategies for understanding and treating these pathologies.  
**City awarding entity:** Saint-Raphaël, Provence-Alpes-Côte d'Azur, France  
**Awarding entity:** Institut National de la Santé et de la Recherche Médicale (INSERM) **Type of entity:** Administrative Body of the National Health System  
**Aims of the entity:** Educational  
**End date:** 19/09/2008
- 14** **Type of training:** Course  
**Training title:** Course: "Non-invasive imaging techniques in research: clinical applications and laboratory animal experimentation"  
**City awarding entity:** Barcelone, Catalonia, Spain  
**Awarding entity:** Institut d'Investigacions Biomèdiques August Pi i Sunyer **Type of entity:** R&D Centre  
**Aims of the entity:** Educational





**End date:** 19/07/2005

**Duration in hours:** 18 hours

**15 Type of training:** Course

**Training title:** English Course (School of Modern Languages)

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

**Awarding entity:** "Escola d'Idiomes Moderns" -  
University of Barcelona

**Type of entity:** University

**Aims of the entity:** Educational

**End date:** 13/05/2005

**Duration in hours:** 110 hours

**16 Type of training:** Course

**Training title:** Course for research staff, formation on animal care for the experimentation and other scientific purposes

**City awarding entity:** Bellaterra, Catalonia, Spain

**Awarding entity:** Universitat Autònoma de Barcelona

**Type of entity:** University

**Aims of the entity:** Staff training

**Training manager:** Teresa Armengol Valles

**End date:** 09/10/2002

**Duration in hours:** 80 hours

**17 Type of training:** Course

**Training title:** Course of Visual C++6.0 programming.

**City awarding entity:** Valencia, Valencian Community, Spain

**Awarding entity:** University of Valencia

**Type of entity:** University

**Aims of the entity:** Educational

**End date:** 07/07/2001

**Duration in hours:** 20 hours

**18 Type of training:** Course

**Training title:** Course of the ethics and the scientific investigation (Science & ethics)

**City awarding entity:** Valencia, Valencian Community, Spain

**Awarding entity:** University of Valencia

**Type of entity:** University

**Aims of the entity:** Educational

**End date:** 27/11/1998

**Duration in hours:** 22 hours

**19 Type of training:** Course

**Training title:** Course about Evolution

**City awarding entity:** Valencia, Valencian Community, Spain

**Awarding entity:** Universidad Internacional Menéndez  
Pelayo

**Type of entity:** University

**Aims of the entity:** Educational

**End date:** 08/10/1998

**Duration in hours:** 20 hours

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

**1 Title of course/seminar:** Inclusion of the gender perspective in Research in Health Sciences

**Organising entity:** University of the Basque Country (UPV/EHU) **Type of entity:** University

**Faculty, institute or centre:** Faculty of Medicine and Nursing

**Duration in hours:** 2 hours

**Start-End date:** 29/11/2022 - 29/11/2022



- 2 Title of course/seminar:** "Jornada de Innovación Docente"  
**Organising entity:** University of the Basque Country (UPV/EHU)      **Type of entity:** University  
**Faculty, institute or centre:** Medicine and Nursery  
**Duration in hours:** 8 hours  
**Start-End date:** 22/01/2020 - 22/01/2020
- 3 Title of course/seminar:** Design of a competency assessment system for a subject.  
**Organising entity:** University of the Basque Country (UPV/EHU)      **Type of entity:** University  
**Duration in hours:** 25 hours  
**Start-End date:** 14/01/2020 - 21/01/2020
- 4 Title of course/seminar:** TOPTULTE  
**Organising entity:** University of the Basque Country (UPV/EHU)      **Type of entity:** University  
**Duration in hours:** 2 hours  
**Start-End date:** 08/07/2019 - 08/07/2019
- 5 Title of course/seminar:** Educational innovation training activities: ECOE Test 2018-2019  
**Organising entity:** University of the Basque Country (UPV/EHU)      **Type of entity:** University  
**Duration in hours:** 4 hours  
**Start-End date:** 07/06/2019 - 07/06/2019
- 6 Title of course/seminar:** Teaching committed to the gender perspective.  
**Goals of the course/seminar:** Educational innovation course that aims to incorporate the gender perspective in higher education.  
**Organising entity:** University of the Basque Country (UPV/EHU)  
**Duration in hours:** 12 hours  
**Start-End date:** 03/06/2019 - 05/06/2019

## Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French	C1	C1	C1	C1	B1
English	C1	C1	C1	C1	C1
Spanish	C2	C2	C1	C1	C1
Catalan	C2	C2	C2	C2	C2



## Teaching experience

### General teaching experience

- 1** **Type of teaching:** Official teaching  
**Name of the course:** Structure and function of the digestive system  
**Type of programme:** Bachelor's degree **Type of teaching:** Practical work (classroom-problems)  
**Type of subject:** Obligatory  
**University degree:** Lecturer  
**Course given:** Structure and function of the digestive system **Frequency of the activity:** 5  
**Start date:** 2002 **End date:** 2006  
**Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 40  
**Entity:** University of Barcelona **Type of entity:** University Department  
**Faculty, institute or centre:** Medicine school  
**Department:** Cellular Biology  
**City of entity:** Barcelone, Catalonia, Spain  
**Subject language:** Catalan
- 2** **Type of teaching:** Official teaching  
**Name of the course:** Structure and function of the renal system  
**Type of programme:** Bachelor's degree **Type of teaching:** Practical work (classroom-problems)  
**Type of subject:** Obligatory  
**University degree:** Lecturer  
**Course given:** Structure and function of the renal system **Frequency of the activity:** 5  
**Start date:** 2002 **End date:** 2006  
**Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 40  
**Entity:** University of Barcelona **Type of entity:** University Department  
**Faculty, institute or centre:** Medicine school  
**Department:** Cellular Biology  
**City of entity:** Barcelone, Catalonia, Spain  
**Subject language:** Catalan
- 3** **Name of the course:** Cell Biology  
**University degree:** Grade in Medicine  
**Start date:** 07/09/2020  
**Entity:** University of the Basque Country (UPV/EHU)
- 4** **Name of the course:** Genética y Biología del Desarrollo  
**University degree:** Grade in Medicine  
**Start date:** 07/09/2020  
**Entity:** University of the Basque Country (UPV/EHU)



- 5** **Name of the course:** Introducción a la investigación Biomédica  
**University degree:** Grade in Medicine  
**Start date:** 07/09/2020  
**Entity:** University of the Basque Country (UPV/EHU)
- 6** **Name of the course:** Master of Molecular Biology and Biomedicine  
**Type of programme:** Master's degree **Type of teaching:** In person theory  
**University degree:** Master  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 0,2  
**Entity:** University of the Basque Country (UPV/EHU) **Type of entity:** University  
**City of entity:** Leioa, Basque Country, Spain
- 7** **Name of the course:** Master of Biomedical Research  
**Type of programme:** Master's degree **Type of teaching:** In person theory  
**University degree:** Master  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 3  
**Entity:** University of the Basque Country (UPV/EHU)  
**City of entity:** Leioa, Basque Country, Spain
- 8** **Name of the course:** Master of Biomedical Research  
**Type of programme:** Master's degree **Type of teaching:** In person theory  
**University degree:** Master  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 3  
**Entity:** University of the Basque Country (UPV/EHU)  
**City of entity:** Leioa, Basque Country, Spain
- 9** **Name of the course:** Master of Neurosciences  
**Type of programme:** Master's degree **Type of teaching:** In person theory  
**University degree:** Master  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 0,5  
**Entity:** University of the Basque Country (UPV/EHU)  
**City of entity:** Zamudio, Basque Country, Spain

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

- 1** **Project title:** Traumatic Brain Injury-induced Alterations in Adult Hippocampal Neurogenesis  
**Co-director of thesis:** José Ramón Pineda Martí; Juan Manuer Encinas Perez  
**Entity:** Achucarro Basque Center for Neuroscience  
**Student:** Irene Durá Esteve  
**Obtained qualification:** Outstanding "Cum Laude"  
**Date of reading:** 20/01/2023  
**European doctorate:** Yes **Date of recognition:** 20/01/2023  
**Quality recognition:** Yes **Date of award:** 20/01/2023



- 2** **Project title:** Co-director estancia postdoctoral investigadora becada con financiación "Margarita Salas"  
**Type of project:** Supervisor of Post-doc student  
**Co-director of thesis:** Jose Ramon Pineda Martí; Cristina Eguizábal Argai  
**Entity:** Biocruces Bizkaia Health Research Institute (BBHRI)  
**Student:** Irene Romayor Arredondo  
**Date of reading:** 02/09/2021
- 3** **Project title:** Characterization of the extracellular vesicles of normal and cancer stem cells.  
**Type of project:** Master's degree final project  
**Co-director of thesis:** José R. Pineda Martí; Gaskon Ibarretxe Bilbao  
**Entity:** University of the Basque Country (UPV/EHU)      **Type of entity:** University  
**Student:** Irene Manero Roig  
**Obtained qualification:** 8.5  
**Date of reading:** 22/06/2021
- 4** **Project title:** Hippocampal Neural Stem Cells: from origin to disease. Postnatal and on-site generation of adult hippocampal neural stem cells and blocking of the epidermal growth factor receptor to preserve neurogenesis in temporal lobe epilepsy  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** José Ramón Pineda Martí; JM Encinas  
**Entity:** Achucarro Basque Center for Neuroscience      **Type of entity:** Foundation  
Fundaizoa  
**City of entity:** Leioa, Basque Country, Spain  
**Student:** Oier Pastor Alonso  
**Obtained qualification:** Outstanding Cum Laude, International Thesis  
**Date of reading:** 15/12/2020  
**European doctorate:** Yes  
**Quality recognition:** Yes
- 5** **Project title:** Hertz muineko ama zelulen in vitro desberdintzapen baskularraren analisisa serum gabeko medioak eta Matriglean oinarritutako hazkuntza sistemak erabiliz.  
**Type of project:** End of course project  
**Co-director of thesis:** Jose Ramon Pineda Martí; Gaskon Ibarretxe Bilbao  
**Entity:** University of the Basque Country (UPV/EHU)      **Type of entity:** University  
**Student:** Jon Irurzun Euba  
**Obtained qualification:** 9,1  
**Date of reading:** 08/07/2020
- 6** **Project title:** Modulación del nicho neurogénico en condiciones normales y patológicas.  
**Type of project:** Master's degree final project  
**Entity:** University of the Basque Country (UPV/EHU)  
**City of entity:** Basque Country, Spain  
**Student:** Sara Bernardo Castro  
**Obtained qualification:** 10  
**Date of reading:** 29/06/2018
- 7** **Project title:** Caracterización de dispositivos nanoestructurados como matriz de soporte para la implantación intracerebral de células madre de la pulpa dental en modelo murino.  
**Type of project:** End of course project  
**Co-director of thesis:** Jose Ramon Pineda Martí; Oihane Diaz de Cerio  
**Entity:** University of the Basque Country (UPV/EHU)      **Type of entity:** University



**City of entity:** Leioa, Basque Country, Spain  
**Student:** Saúl Tamayo Trigo

- 8** **Project title:** Sistema Renina-Angiotensina y diferenciación de Células Madre de la Pulpa Dental (IkasC\_2021\_1\_0258)  
**Type of project:** End of course project  
**Co-director of thesis:** Asier Valdivia Palacín; José Ramón Pineda Martí  
**Entity:** Achucarro Basque Center for Neuroscience Fundazioa **Type of entity:** Foundation  
**City of entity:** Leioa,  
**Student:** Jone Salvador Moya
- 9** **Project title:** Caracterización de la expresión de DLK1 y DLK2 en células madre neurales y tejido nervioso.  
**Type of project:** Master's degree final project  
**Co-director of thesis:** Patricia García-Gallastegui  
**Entity:** University of the Basque Country (UPV/EHU) **Type of entity:** University  
**City of entity:** Leioa,  
**Student:** Ruth Basanta
- 10** **Project title:** Desarrollo de un nuevo material de matriz extracelular de tejido adiposo humano descellularizado, y su procesado como soporte poroso 3D para la diferenciación adipogénica in vitro de las células madre de la pulpa dental.  
**Co-director of thesis:** Jose Ramon Pineda Martí; Iratxe Madarieta Pardo  
**Entity:** AZTI Tecnalia **Type of entity:** Technological Centre  
**Student:** Nerea García Urquia
- 11** **Project title:** Integración de las células neurales derivadas de las células madre de la pulpa dental en la red sináptica cerebral  
**Co-director of thesis:** Jose Ramon Pineda Martí; Gaskon Ibarretxe Bilbao  
**Entity:** University of the Basque Country (UPV/EHU) **Type of entity:** University  
**Student:** Beatriz Pardo Rodríguez
- 12** **Project title:** Promotion of cell-biomaterial interactions to accelerate the neural differentiation of dental-pulp derived stem cells  
**Co-director of thesis:** José Ramón Pineda Martí; Aitor Larrañaga Esparteo  
**Entity:** Polimat & Achucarro Basque Center for Neuroscience Fundazioa  
**Student:** Sara Martin Colomo

## Student tutorials

- 1** **Name of the programme:** Educational aid  
**Entity:** Formative external practices (UPV/EHU) **Type of entity:** University Centres and Structures and Associated Bodies  
**City of entity:** Leioa, Basque Country, Spain  
**Number of recognized hours/ECTS credits:** 23,4  
**Number of tutored students:** 1
- 2** **Name of the programme:** Educational aid  
**Entity:** Achucarro and University of Salamanca **Type of entity:** University Centres and Structures and Associated Bodies  
**City of entity:** Zamudio, Basque Country, Spain



**Number of recognized hours/ECTS credits:** 240  
**Number of tutored students:** 1

## Teaching experience in courses and seminars for university teacher training

**Name of the event:** General didactics and specific didactics in university teaching  
**Organising entity:** REDU (Red de Docencia Universitaria)  
**Hours of teaching:** 11  
**Teaching date:** 01/05/2023

## Other activities/achievements not included above

- 1 Description of the activity:** End of Degree Work Evaluation Tribunal, Degree in Medicine, UPV/EHU  
**Organising entity:** University of the Basque Country (UPV/EHU)      **Type of entity:** University  
**End date:** 2021
- 2 Description of the activity:** End of Master's Work Evaluation Tribunal, Degree in Medicine, UPV / EHU  
**Organising entity:** University of the Basque Country (UPV/EHU)  
**End date:** 2021
- 3 Description of the activity:** Evaluation of STEAM projects  
**Organising entity:** Zientzia Elhuyar  
**End date:** 2021
- 4 Description of the activity:** End of Master's Work Evaluation Tribunal, Degree in Medicine, UPV / EHU  
**Organising entity:** University of the Basque Country (UPV/EHU)      **Type of entity:** University  
**End date:** 2020
- 5 Description of the activity:** Teacher training: "PATENTS, COPYRIGHT, TRANSFER OF RESEARCH RESULTS" (Code: FOB1928)  
**Organising entity:** University of the Basque Country (UPV/EHU)  
**End date:** 18/06/2019
- 6 Description of the activity:** Lecturer on the course of: Animal models for the study of Neurological diseases: Histological, molecular and biochemical hallmarks.  
**Identify key words:** Laboratory animals  
**City of activity:** Barcelona, Catalonia, Spain  
**Organising entity:** Institut d'Investigacions Biomèdiques August Pi i Sunyer - DiMI  
**End date:** 30/06/2006





## 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:** Stem and Cancer Stem cells  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** Regional  
**Degree of contribution:** Researcher  
**Entity where project took place:** University of the Basque Country (UPV/EHU) **Type of entity:** Public Research Body  
**City of entity:** Leioa, Basque Country, Spain  
**Name principal investigator (PI, Co-PI...):** Gaskon Ibarretxe; Jose R. Pineda; Fernando Unda; Iker Badiola; Laura Gómez; Lucía Jiménez-Rojo; Juama Encimas; Olatz Crende; Asier Valdivia; Francisco José Sáez; Edurne Alonso; Ander Martin; Patricia García-Gallastegui  
**Nº of researchers:** 12  
**Type of participation:** Team member  
**Name of the programme:** Ikerketa-Taldea (Grupos consolidados del Gobierno Vasco)  
**Code according to the funding entity:** IT1751-22  
**Start-End date:** 01/01/2022 - 31/12/2025  
**Total amount:** 255.000 €
- 2** **Name of the project:** Advanced brain-mimetic hydrogels to protect human dental pulp stem cells from oxidative stress  
**Entity where project took place:** University of the Basque Country (UPV/EHU)  
**Name principal investigator (PI, Co-PI...):** Aitor Larrañaga Espartero; Jose Ramon Pineda Martí  
**Start-End date:** 01/01/2023 - 31/12/2024  
**Total amount:** 16.756 €
- 3** **Name of the project:** STEM CELLS Y CANCER STEM CELLS  
**Entity where project took place:** University of the Basque Country (UPV/EHU)  
**Name of the programme:** Ayudas a la Investigación Mod. II Grupos  
**Code according to the funding entity:** GIU20/50  
**Start-End date:** 01/01/2021 - 31/12/2023  
**Total amount:** 21.330 €
- 4** **Name of the project:** Neurogénesis reactiva y gliosis en un modelo de epilepsia infantil generalizada  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National  
**Degree of contribution:** Coordinator of total project, network or consortium  
**Entity where project took place:** Achucarro Basque Center for Neuroscience Fundazioa **Type of entity:** Foundation  
**City of entity:** Leioa, Basque Country, Spain  
**Name principal investigator (PI, Co-PI...):** Juan Manuel Encinas Pérez; José Ramón Pineda Martí; Gaskon Ibarretxe Bilbao  
**Nº of researchers:** 3

**Funding entity or bodies:**Ministerio de Ciencia e Innovación. Universidades **Type of entity:** (MCINN)**Type of participation:** Principal investigator**Start-End date:** 01/06/2020 - 31/12/2023 **Duration:** 4 years**Total amount:** 189.969 €**Dedication regime:** Full time

- 5 Name of the project:** BioNanoBrain I: Validación del uso de células madre de la pulpa dental en matrices de anclaje nanoestructuradas bioreabsorbibles como alternativa a las iPSCs para su aplicación en terapia celular del sistema nervioso.

**Entity where project took place:** University of the Basque Country (UPV/EHU) **Type of entity:** University**City of entity:** Leioa, Basque Country, Spain**Name principal investigator (PI, Co-PI...):** Jose Ramon Pineda Martí; Cristina Eguizábal**Nº of researchers:** 14**Code according to the funding entity:** 2021333012**Start-End date:** 01/01/2021 - 30/12/2023**Total amount:** 57.353,69 €

- 6 Name of the project:** STAT3 y EGFR en Gliosis y Neurogénesis Reactiva como Dianas Terapéuticas en un Modelo de Epilepsia Infantil

**Entity where project took place:** Achucarro Basque Center for Neuroscience Fundazioa**City of entity:** Leioa,**Name principal investigator (PI, Co-PI...):** Juan Manuel Encinas; Teresa Muro; Jose Ramon Pineda**Nº of researchers:** 3**Funding entity or bodies:**Investigación Básica y/o Aplicada (Gobierno Vasco) **Type of entity:** Basque Government**Name of the programme:** PIBA (Proyectos Investigación Básica y/o Aplicada)**Code according to the funding entity:** PIBA\_2021\_1\_0018**Start-End date:** 13/07/2021 - 30/06/2023**Total amount:** 49.612,5 €

- 7 Name of the project:** TERSARSFURNA: TERapia contra el virus SARS-CoV-2 basado en el bloqueo de la FURina combinado con exosomas de células stem y NANotecnología

**Type of project:** Basic research (including archaeological digs, etc)**Entity where project took place:** University of the Basque Country (UPV/EHU)**Funding entity or bodies:**

Gobierno Vasco

**Type of entity:** Dep. Salud**Name of the programme:** Proyectos de Investigación y desarrollo en Salud - RIS3**Code according to the funding entity:** 2020333039**Start-End date:** 01/01/2021 - 31/12/2022**Total amount:** 29.769,29 €

- 8 Name of the project:** STEM CELLS Y CANCER STEM CELLS

**Type of project:** Basic research (including archaeological digs, etc)**Entity where project took place:** University of the Basque Country (UPV/EHU)**Name principal investigator (PI, Co-PI...):** Fernando Unda; Gaskon Ibarretxe**Name of the programme:** Grupos de investigación UPV/EHU**Code according to the funding entity:** GIU19/040**Start-End date:** 01/01/2020 - 31/12/2022



**Total amount:** 0 €

- 9 Name of the project:** Nanostructured elastomeric scaffolds functionalized with graphene oxide for central nervous system stem cell therapy.

**Entity where project took place:** University of the Basque Country (UPV/EHU) **Type of entity:** University

**City of entity:** Leioa, Basque Country, Spain

**Name principal investigator (PI, Co-PI....):** José Ramón Pineda; Iker Badiola; Gaskon Ibarretxe; Edurne Marín; Yurena Polo; Carlos Bello; Aitor Larrañaga; Jose Ramon Sarasua; Fernando Unda

**N° of researchers:** 9

**Name of the programme:** Proyectos colaborativos UPV/EHU

**Code according to the funding entity:** COLAB19/03

**Start-End date:** 01/01/2020 - 31/12/2021

**Total amount:** 20.200 €

- 10 Name of the project:** APLICACIÓN DEL TEST RT-PCR PARA LA DETECCIÓN DE CORONAVIRUS SARS-COV-2 DESDE LABORATORIOS DE LA UPV/EHU

**Entity where project took place:** University of the Basque Country (UPV/EHU)

**Name of the programme:** Convenios

**Code according to the funding entity:** CONV20/05

**Start-End date:** 29/04/2020 - 28/04/2021

**Total amount:** 15.000 €

- 11 Name of the project:** STEM CELLS Y CANCER STEM CELLS

**Entity where project took place:** University of the Basque Country (UPV/EHU)

**Name of the programme:** Ayudas a la Investigación Mod. II Grupos

**Code according to the funding entity:** PPGA20/22

**Start-End date:** 03/03/2020 - 31/12/2020

**Total amount:** 13.668 €

- 12 Name of the project:** TERSARSFURNA: TERapia contra el virus SARS-CoV-2 basado en el bloqueo de la FURina combinado con exosomas de células stem y NANotecnología

**Type of project:** Basic research (including archaeological digs, etc)

**Entity where project took place:** University of the Basque Country (UPV/EHU)

**Funding entity or bodies:**

Gobierno Vasco

**Type of entity:** Dep. Salud

**Name of the programme:** Proyectos de Investigación y desarrollo en Salud - RIS3

**Code according to the funding entity:** 2020333039

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

**Total amount:** 70.857,6 €

- 13 Name of the project:** Fagocitosis microglial en el cerebro sano y enfermo: de la neurogénesis a la neurodegeneración.

**Entity where project took place:** Achucarro Basque Center for Neuroscience Fundazioa **Type of entity:** Foundation

**City of entity:** Zamudio, Basque Country, Spain

**Name principal investigator (PI, Co-PI....):** Amanda Sierra Saavedra; Irune Diaz Aparicio; Jose Ramon Pineda Marti; Ainhoa Zabala Plaza; Jorge Valero Gomez Lobo; Juan Manuel Encinas Perez

**N° of researchers:** 6

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

**Total amount:** 79.823 €



- 14 Name of the project:** Ramón y Cajal - Start-up  
**Identify key words:** Molecular mechanism of disease; Laboratory animals; Cell biology  
**Type of project:** Research and development, including transfer  
**Geographical area:** National  
**Degree of contribution:** Scientific coordinator  
**Entity where project took place:** Achucarro Basque Center for Neuroscience Fundazioa  
**City of entity:** Zamudio, Basque Country, Spain  
**Name principal investigator (PI, Co-PI....):** Jose R. Pineda  
**Nº of researchers:** 1  
**Nª people/year:** 1  
**Type of participation:** Co-ordinator  
**Start-End date:** 07/01/2015 - 06/01/2020  
**Duration:** 5 years  
**Total amount:** 40.000 €  
**Dedication regime:** Full time
- 15 Name of the project:** Mechanisms and Blocking of the Induction of Reactive Neural Stem Cells in the Epileptic Hippocampus  
**Type of project:** Basic research (including archaeological digs, etc)  
**Geographical area:** National  
**Degree of contribution:** Coordinator of total project, network or consortium  
**Entity where project took place:** Achucarro Basque Center for Neuroscience Fundazioa  
**City of entity:** Zamudio, Basque Country, Spain  
**Name principal investigator (PI, Co-PI....):** Juan Manuel Encinas Pérez; José Ramón Pineda Martí; Gaskon Ibarretxe Bilbao  
**Nº of researchers:** 3  
**Funding entity or bodies:**  
Ministerio de Economía y Competitividad  
**Type of entity:** State agency  
**City funding entity:** Zamudio, Basque Country, Spain  
**Type of participation:** Principal investigator  
**Start-End date:** 01/01/2016 - 31/12/2019  
**Duration:** 4 years  
**Total amount:** 228.000 €  
**Dedication regime:** Full time
- 16 Name of the project:** CÉLULAS STEM E HIDROGELES PARA LA REGENERACIÓN TIS  
**Type of project:** Basic research (including archaeological digs, etc)  
**Entity where project took place:** University of the Basque Country (UPV/EHU)  
**Name of the programme:** Grupos de investigación UPV/EHU  
**Code according to the funding entity:** GIU16/66  
**Start-End date:** 22/12/2016 - 21/12/2019  
**Total amount:** 24,5 €
- 17 Name of the project:** (EUIN2017- 86670) Administración intranasal de nanopartículas cargadas con inhibidores de la vía egfr para controlar la progresión del glioblastoma multiforme.  
**Entity where project took place:** Achucarro Basque Center for Neuroscience Fundazioa  
**City of entity:** Leioa, Basque Country, Spain  
**Name principal investigator (PI, Co-PI....):** Jose Ramon Pineda  
**Nº of researchers:** 1  
**Start-End date:** 01/01/2017 - 31/12/2018  
**Total amount:** 10.000 €



- 18** **Name of the project:** CIBLAGE D'AURORA B POUR REDUIRE L'INVASIVITE DES GLIOMES ET AMELIORER L'EFFICACITE DE LEUR TRAITEMENT.  
**Entity where project took place:** Commissariat à l'énergie Atomique et aux Energies Alternatives  
**Type of entity:** Public Research Body  
**City of entity:** Fontenay-aux-Roses, Île de France, France  
**N° of researchers:** 6  
**Funding entity or bodies:** Fondation de France  
**Type of entity:** Foundation  
**City funding entity:** Paris, Île de France, France  
**Start-End date:** 02/01/2014 - 03/01/2015  
**Total amount:** 55.000 €
- 19** **Name of the project:** Protéines des bouts + des microtubules, tétraploïdie et cancer  
**Entity where project took place:** CEA-Inserm  
**Type of entity:** Public Research Body  
**City of entity:** Fontenay-aux-Roses, Île de France, France  
**Name principal investigator (PI, Co-PI....):** Annie Andrieux  
**N° of researchers:** 3  
**Start-End date:** 01/01/2010 - 31/12/2013  
**Total amount:** 60.000 €
- 20** **Name of the project:** Caractérisation des modifications au cours du vieillissement des facteurs de régulation dans les niches des cellules souches neurales du cerveau murin  
**Entity where project took place:** Commissariat à l'énergie Atomique et aux Energies Alternatives  
**City of entity:** Fontenay-aux-Roses, Île de France, France  
**Name principal investigator (PI, Co-PI....):** François D. Boussin; Marc-André Mouthon  
**N° of researchers:** 3  
**Start-End date:** 01/10/2009 - 01/03/2011  
**Total amount:** 46.000 €
- 21** **Name of the project:** (SAF2005/01335) ESTUDIO DE LOS MECANISMOS DE ACCION DEL BDNF COMO AGENTE NEUROPROTECTOR EN LA ENFERMEDAD DE HUNTINGTON  
**Entity where project took place:** University of Barcelona  
**City of entity:** Barcelona, Catalonia, Spain  
**N° of researchers:** 6  
**Funding entity or bodies:** MINISTERIO DE EDUCACION Y CIENCIA  
**Type of entity:** State agency  
**City funding entity:** Madrid, Catalonia, Spain  
**Start-End date:** 31/12/2005 - 31/12/2008  
**Total amount:** 238.000 €
- 22** **Name of the project:** (PI040659) PAPEL DE LA MITOCONDRIA EN LA MUERTE NEURONAL EN LA ENFERMEDAD DE HUNTINGTON: APLICACION TERAPEUTICA DE LAS NEUROTROFINAS  
**Entity where project took place:** University of Barcelona  
**City of entity:** Barcelona, Catalonia, Spain  
**N° of researchers:** 9  
**Funding entity or bodies:** INSTITUTO DE SALUD CARLOS III - MINISTERIO DE SANIDAD Y CONSUMO  
**Type of entity:** State agency  
**City funding entity:** Spain  
**Start-End date:** 07/02/2005 - 07/02/2007



**Total amount:** 95.450 €

- 23** **Name of the project:** (NUM EXPEDIENT: 2005SGR00981) FISIOPATOLOGIA DE MALALTIES NEURODEGENERATIVES  
**Entity where project took place:** University of Barcelona  
**City of entity:** Barcelona, Catalonia, Spain  
**N° of researchers:** 9  
**Funding entity or bodies:** GENERALITAT DE CATALUNYA, AGENCIA DE GESTIO D'AJUTS UNIVERSITARIS I DE RECERCA  
**Type of entity:** State agency  
**City funding entity:** Barcelona, Catalonia, Spain  
**Start-End date:** 22/12/2005 - 22/12/2006  
**Total amount:** 36.600 €
- 24** **Name of the project:** (EXPT:PI050259) PROYECTO TERAPIA CELULAR Y REGENERACION NERVIOSA-3 (G03/167)  
**Entity where project took place:** Facultat de medicina (UCB) - Idibaps  
**Type of entity:** University  
**City of entity:** Barcelona, Catalonia, Spain  
**N° of researchers:** 5  
**Funding entity or bodies:** Instituto de Salud Carlos III  
**Type of entity:** Public Research Body  
**City funding entity:** Majadahonda, Community of Madrid, Spain  
**Start-End date:** 17/11/2005 - 17/11/2006  
**Total amount:** 20.349 €
- 25** **Name of the project:** (NUM 04/057-00) TERAPIA GENICA PARA LA ENFERMEDAD DE HUNTINGTON  
**Entity where project took place:** Institut d'Investigacions Biomèdiques August Pi i Sunyer  
**Type of entity:** R&D Centre  
**City of entity:** Barcelona, Catalonia, Spain  
**N° of researchers:** 12  
**Funding entity or bodies:** Fundació La Caxixa  
**Start-End date:** 13/12/2004 - 13/02/2006  
**Total amount:** 179.938 €
- 26** **Name of the project:** (PROYECTO: SAF2002/00314) ESTUDIO DE LA IMPLICACION DE LOS FACTORES NEUROTROFICOS EN LA PATOGENESIS, FISIOPATOLOGIA Y TRATAMIENTO DE LA ENFERMEDAD DE HUNTINGTON  
**Entity where project took place:** University of Barcelona  
**City of entity:** Barcelona, Catalonia, Spain  
**N° of researchers:** 6  
**Funding entity or bodies:** MINISTERIO DE CIENCIA Y TECNOLOGIA  
**Type of entity:** State agency  
**Start-End date:** 07/11/2002 - 07/11/2005  
**Total amount:** 223.800 €
- 27** **Name of the project:** PROYECTO TERAPIA CELULAR  
**Entity where project took place:** Institut d'Investigacions Biomèdiques August Pi i Sunyer  
**Type of entity:** R&D Centre





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

**N° of researchers:** 8

**Funding entity or bodies:**

MINISTERIO DE SANIDAD Y CONSUMO

**Type of entity:** State agency

**Start-End date:** 01/01/2003 - 01/01/2005

**Total amount:** 58.847 €

**28 Name of the project:** (PI\_2016\_1\_0011) Fagocitosis microglial en el cerebro sano y enfermo: de la neurogénesis a la neurodegeneración

**Entity where project took place:** Achucarro Basque Center for Neuroscience Fundazioa

**City of entity:** Zamudio, Basque Country, Spain

**Name principal investigator (PI, Co-PI....):** Amanda Sierra Saavedra; Irune Díaz Aparicio; José Ramón Pineda Martí; Juan Manuel Encinas Pérez; Jorge Valero Gomez Lobo; Ainhoa Plaza Zabala

**N° of researchers:** 6

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

**1 Name of the project:** Contract for the provision of services with EQA CERTIFICATION for the evaluation of R+D+i projects

**Name principal investigator (PI, Co-PI....):** Jose R. Pineda

**N° of researchers:** 1

**Funding entity or bodies:**

EQA: international entity for certification and verification of R+D+i, quality and ESG standards

**Type of entity:** Business

**City funding entity:** Madrid, Community of Madrid, Spain

**Start date:** 21/04/2023

**2 Name of the project:** Development and testing of biomaterials with angiogenic, chemotactic and antioxidants for tissue engineering.

**Degree of contribution:** Contract

**Name principal investigator (PI, Co-PI....):** José Ramón Pineda Martí; Gaskon Ibarretxe Bilbao; Fernando Unda Rodríguez

**N° of researchers:** 3

**Participating entity/entities:** Polimerbio; University of the Basque Country (UPV/EHU)

**Funding entity or bodies:**

Clave Mayor - PolimerBio S.L.

**Start date:** 09/01/2023

**Duration:** 2 years

**Total amount:** 29.998 €

**3 Name of the project:** Biomaterial testing for tissue engineering

**Degree of contribution:** Contract

**Name principal investigator (PI, Co-PI....):** José Ramón Pineda Martí; Gaskon Ibarretxe Bilbao; Fernando Unda Rodríguez; Iker Badiola Etxaburu

**N° of researchers:** 4

**Participating entity/entities:** Polimerbio; University of the Basque Country (UPV/EHU)

**Funding entity or bodies:**

Clave Mayor - PolimerBio S.L.

**Start date:** 01/03/2020

**Duration:** 3 years





Total amount: 15.000 €

## Results

### Industrial and intellectual property

- 1 Title registered industrial property:** (PCT Extension) Cellular aggregates for use in vascularisation therapy  
**Type of industrial property:** Patent of invention      **Author's rights:** Yes  
**Related rights:** Yes      **Trade secret:** Yes  
**Know-how:** Yes  
**Inventors/authors/obtainers:** Jon Luzuriaga; Oier Pastor-Alonso; Juan M Encinas; Fernando Unda; Gaskon Ibarretxe Bilbao; Jose Ramon Pineda Martí  
**Entity holder of rights:** Achucarro Basque Center for Neuroscience / Euskal Herriko Unibertsitatea  
**Reference/registry code:** P4580EP00      **N° of application:** PCT/EP2019/067769  
**Country of inscription:** Spain, Basque Country  
**Date of register:** 02/07/2019  
**Spanish patent:** Yes      **EU patent:** Yes  
**International non-EU patent:** Yes      **PCT patent:** Yes
- 2 Title registered industrial property:** (EUROPEAN PATENT) Cellular aggregates for use in vascularisation therapy  
**Type of industrial property:** Patent of invention      **Author's rights:** Yes  
**Related rights:** Yes      **Trade secret:** Yes  
**Know-how:** Yes  
**Inventors/authors/obtainers:** Jon Luzuriaga; Oier Pastor-Alonso; Juan M Encinas; Fernando Unda; Gaskon Ibarretxe Bilbao; Jose Ramon Pineda Martí  
**Entity holder of rights:** Achucarro Basque Center for Neuroscience / Euskal Herriko Unibertsitatea  
**Reference/registry code:** P4580EP00      **N° of application:** EP18382492.9  
**Country of inscription:** Spain, Basque Country  
**Date of register:** 03/07/2018  
**Spanish patent:** Yes      **EU patent:** Yes  
**International non-EU patent:** No      **PCT patent:** No



## Scientific and technological activities

### Scientific production

**H index:** 21

**Date of application:** 02/10/2023

**Fuente de Índice H:** GOOGLE SCHOLAR

### Publications, scientific and technical documents

- 1** Yurena Polo; Jon Luzuriaga; Sergio González de Langarica; Beatriz Pardo-Rodriguez; Daniel E. Martínez-Tong; Christos Tapeinos; Edurne Marin; Jone Muñoz-Ugartemendia; Gianni Ciofani; Gaskon Ibarretxe; Fernando Unda; Jose Ramon Sarasua; Jose Ramon Pineda\*; Aitor Larrañaga\*. Self-assembled three-dimensional hydrogels based on graphene derivatives and cerium oxide nanoparticles: scaffolds for co-culture of oligodendrocytes and neurons derived from neural stem cells. *Nanoscale*. 31, pp. 1 - 16. Elsevier, 08/02/2023. ISSN 1742-7061

**Type of production:** Scientific paper

**Position of signature:** 13

**Total no. authors:** 14

**Impact source:** ISI

**Impact index in year of publication:** 8.3

**Position of publication:** 10

**Relevant publication:** Yes

**Format:** Journal

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

**Corresponding author:** Yes

**Category:** Science Edition – Engineering, Biomedical

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

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

- 2** Y Polo; J Luzuriaga; J Iturri; I Irastorza; JL Toca-Herrera; G Ibarretxe; F Unda; JR Sarasua; JR Pineda\*; A. Larrañaga\*. Nanostructured scaffolds based on bioresorbable polymers and graphene oxide induce the aligned migration and accelerate the neuronal differentiation of neural stem cells. *Nanomedicine: NBM*. 31, pp. 1 - 16. Elsevier, 01/01/2021. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S1549963420301684?via%3Dihub>>. ISSN 1549-9634

**DOI:** <https://doi.org/10.1016/j.nano.2020.102314>

**Type of production:** Scientific paper

**Position of signature:** 9

**Total no. authors:** 10

**Impact source:** ISI

**Impact index in year of publication:** 6.458

**Position of publication:** 28

**Relevant publication:** Yes

**Format:** Journal

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

**Corresponding author:** Yes

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

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

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

- 3** Jon Luzuriaga; Oier Pastor-Alonso; Juan Manuel Encinas; Fernando Unda; Gaskon Ibarretxe; Jose R. Pineda. Human dental pulp stem cells grown in neurogenic media differentiate into endothelial cells and promote neovasclogenesis in the mouse brain. *Frontiers in Physiology*. 10 - 347, pp. 1 - 18. Frontiers Research Foundation, 29/03/2019. Available on-line at: <<https://www.frontiersin.org/articles/10.3389/fphys.2019.00347/full>>. ISSN 1664-042X

**DOI:** 10.3389/fphys.2019.00347

**Type of production:** Scientific paper

**Format:** Journal



**Position of signature:** 6

**Total no. authors:** 6

**Impact source:** ISI

**Impact index in year of publication:** 3.367

**Position of publication:** 20

**Source of citations:** WOS

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

**Corresponding author:** Yes

**Category:** Science Edition - PHYSIOLOGY

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

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

**Citations:** 5

**Relevant results:** This paper is my first last-author paper. We describe and provide for the first time an alternative to growth efficiently adult human Dental pulp stem cells (hDPSCs) using a completely serum-free culture media. Until now, the therapeutic potential of hDPSCs has been hampered by the need of the presence of serum in culture for cell survival and expansion. Serum is a big concern for graft purposes due to host rejection, variability as well as source of potential contamination/infection. Here we bypass this limitation offering to industry a culture method totally serum-free and compatible with bioreactor amplification using free-floating cultures bypassing the actual limitation of adhered monolayer growth. The results presented in this work highlight for the first time the translational potential of human adult Dental Pulp Stem Cells (hDPSCs) to give rise to endothelial cells with this methodology. We decipher the change of intracellular pathways triggering this conversion determining an activation of both ERK and STAT3 intracellular pathways as responsible of this conversion. Interestingly, inhibition of STAT3 pathway using Stattic inhibitor impedes endothelial conversion. The result is of utmost importance for human cell therapy purposes given the previous failures of the scientific community for efficient grafts using other sources of stem cells. Moreover, we present a method for real strategy of human cell therapy consisting of 1) Cell extraction and culture without use of serum at any step and 2) do not produce any genetic modification for cell track avoiding potential tumorigenic alterations. The potential of the new methodology presented here is object of a (non-disclosed) patent Ref. P4580EP00 (European application nº EP18382492.9).

**Relevant publication:** Yes

- 4 1; Rachel Litman Flynn; Kelly E. Cox; Maya Jeitany; Hiroaki Wakimoto; Alysia R. Bryll; Neil J. Ganem; Francesca Bersani; Jose R. Pineda; Mario L. Suvà; Cyril H. Benes; Daniel A. Haber; Francois D. Boussin; Lee Zou. Alternative lengthening of telomeres renders cancer cells hypersensitive to ATR inhibitors. *Science*. 347 - 6219, pp. 273 - 277. Washington (United States of America): AMER ASSOC ADVANCEMENT SCIENCE, 16/01/2015. Available on-line at: <<http://www.sciencemag.org/content/347/6219/273.abstract>>. ISSN 0036-8075

**DOI:** DOI:10.1126/science.1257216

**Type of production:** Scientific paper

**Position of signature:** 8

**Total no. authors:** 13

**Impact source:** ISI

**Impact index in year of publication:** 34,661

**Position of publication:** 2

**Source of citations:** WOS

**Format:** Journal

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

**Category:** Science Edition - MULTIDISCIPLINARY SCIENCES

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

**No. of journals in the cat.:** 63

**Citations:** 231

**Relevant results:** This collaboration with Dr. Rachel Flynn and Dr. Lee Zou (Massachusetts General Hospital Cancer Center, Harvard Medical School, Boston, USA), we describe how the inhibition of protein kinase ATR, a regulator of telomeric recombination disrupts the ALT (alternative lengthening of telomeres) system and triggers fragmentation of chromosomes with consequent apoptosis of cells using the ALT mechanism. This is a very relevant finding, due to: 1) cancer cells relying on ALT mechanism are insensitive to telomerase inhibitor therapies. 2) The death induced by ATR inhibitors is highly selective for cancer cells that use the ALT system. This work opens a new frontier targeting this type of inhibitors as useful to develop new treatments for this type of cancer in the future. Comment in: Anticancer agents: An alternative route to targeting telomere elongation. [Nat Rev Drug Discov. 2015]. Journal in the 1st decile.

**Relevant publication:** Yes



- 5** Jose R. Pineda; Mathieu Daynac; Alexandra Chicheportiche; Arantxa Cebrian-Silla; Karine Sii-Felice; Jose Manuel Garcia-Verdugo; François D. Boussin; Marc-Andre Mouthon. Vascular-derived TGF-beta increases in the stem cell niche and perturbs neurogenesis during aging and following irradiation in the adult mouse brain. *EMBO Molecular Medicine*. 5 - 4, pp. 548 - 562. (United Kingdom): Wiley-Blackwell, 02/04/2013. Available on-line at: <<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3628106/>>. ISSN 1757-4676

**DOI:** doi: 10.1002/emmm.201202197

**Type of production:** Scientific paper

**Position of signature:** 1

**Total no. authors:** 8

**Impact source:** ISI

**Impact index in year of publication:** 8,245

**Position of publication:** 8

**Source of citations:** WOS

**Format:** Journal

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

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

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

**No. of journals in the cat.:** 124

**Citations:** 74

**Relevant results:** In this work, done in collaboration with Jose Manuel Garcia-Verdugo (Laboratorio de Neurobiología Comparada, Instituto Cavanilles-Universidad de Valencia, Spain), I have shown that alterations in adult neurogenesis after brain irradiation was due to a change in the NSC micro-environment rather than NSC death. I demonstrated the involvement of TGF-beta/Smad3 signalling pathway in the disruption of neurogenesis. From a mechanistic point of view, we showed that irradiation increases the release of TGF-beta1 by the endothelial cells of the brain micro-vasculature in the neurogenic niches. This causes the mortality of cycling NSC and neural progenitors, blocking at the same time the cell cycle entry of quiescent NSC. Interestingly, I found that a similar mechanism of inhibition of neurogenesis due to a progressive increase of TGF-beta levels took place during normal ageing. Strikingly, blocking the pathway in vivo by administration of TGF-beta neutralizing antibody or drug inhibitor of its receptor makes possible to unblock or partially restore neurogenesis in irradiated and aged mice. The implication of TGF-beta pathway also has been recently described in recent papers for muscle satellite cells ageing. This work is very relevant for the field due to head-radiation exposure of individuals (i.e. radiotherapy) has long-term cognitive problems. Moreover the work has been object of numerous diffusion on social media: [http://www.lepoint.fr/editos-du-point/anne-jeanblanc/l-alteration-des-neurones-n-est-plus-une-fatalite-02-04-2013-1649458\\_57.php](http://www.lepoint.fr/editos-du-point/anne-jeanblanc/l-alteration-des-neurones-n-est-plus-une-fatalite-02-04-2013-1649458_57.php) <http://www.aviesan.fr/en/aviesan/home/aviesan-news/producing-new-neurones-under-all-circumstances-a-challenge-that-is-just-a-mouse-away/%28month%29/6/%28year%29/2014> <http://portail.cea.fr/presse/pages/actualites-communiqués/sante-sciences-du-vivant/produire-nouveaux-neurones-en-toutes-circonstances.aspx> <http://presse.inserm.fr/produire-de-nouveaux-neurones-en-toutes-circonstances-un-defi-a-portee-de-souris/7569/>

**Reviews in journals:** 2

**Relevant publication:** Yes

- 6** Guy Keryer\*; Jose R Pineda\*; Geraldine Liot; Jinho Kim; Paula Dietrich; Caroline Benstaali; Karen Smith; Fabrice P. Cordelieres; Nathalie Spassky; Robert J. Ferrante; Ioannis Dragatsis; Frederic Saudou. Ciliogenesis is regulated by a Huntingtin-Hap1-PCM1 pathway and is altered in Huntington disease. *Journal of Clinical Investigation*. 121 - 11, pp. 4372 - 4382. (United States of America): AMER SOC CLINICAL INVESTIGATION INC, 01/11/2011. Available on-line at: <<http://www.jci.org/articles/view/57552>>. ISSN 0021-9738

**DOI:** 10.1172/JCI57552

**Type of production:** Scientific paper

**Position of signature:** 2

**Total no. authors:** 11

**Impact source:** ISI

**Impact index in year of publication:** 13,069

**Position of publication:** 4

**Source of citations:** WOS

**Format:** Journal

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

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

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

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

**Citations:** 78



**Relevant results:** I am co-first author of this work. Here, we find out a novel role of the protein responsible of lethal Huntington's disease. I have shown that wild-type huntingtin protein (HTT) regulates ciliogenesis via interaction of HAP1-PCM1 protein complex in both mice and humans, explaining a plethora of secondary effects such respiratory and cognitive that this lethal disease provoke. Indeed, several approaches comprising siRNA HTT silencing or transfection with a HTT plasmid in which the region responsible for HAP1 interaction was deleted resulted in a dispersion of PCM1 granules from the centrosoma, thus blocking the formation of astrocytic and neuronal primary cilia. In addition, we have shown in collaboration with Ioannis Dragatsis (Department of Physiology, University of Tennessee, Memphis, USA) that the removal of the HTT in the upper region of the aqueduct of Sylvius in conditional Cre-lox of HTT in cell lines expressing WNT (Dietrich et al.) or Nestin also leads to a dispersion of PCM1 complex and loss of ependymal motile cilia in this region inducing hydrocephalus. We have shown that the expansion of polyQ repeats in homozygous and heterozygous (HdhQ111/Q111 and HdhQ111/+) "knock-in" mouse strains as well as "knockout" HAP1+/- (McGuire et al. 2006), leads to a centrosomal accumulation of PCM1 and an abnormal formation of long cilia (primary and motile) of astrocytes, neurons and ependyma. In collaboration with Robert J. Ferrante (Department of Neurological Surgery, University of Pittsburgh, Pennsylvania, USA) patient samples analysis revealed that PCM1 level and distribution is also altered in human brain post-mortem biopsies. Journal in the 1st decil. Comment in: Expert Rev Proteomics (2012) by Drs. Li S & Li XJ. Comment in: Journal of Clinical Investigation (2011) by Drs. Liu JP & Zeitlin SO. Cover of the journal "The Journal of Clinical Investigation" November 2011.

**Reviews in journals:** 2

**Relevant publication:** Yes

- 7 Maria Borrell-Pages; Josep M. Canals; Fabrice P. Cordèlières; J. Alex Parker; Jose Ramon Pineda; Ghyslaine Grange; Elizabeta A. Bryson; Martine Guillermier; Etienne Hirsch; Phillipe Hantraye; Michael E. Cheetham; Christian Neri; Jordi Alberch; Emmanuel Brouillet; Frederic Saudou; Sandrine Humbert. Cystamine and cysteamine increase brain levels of BDNF in Huntington's disease through HSP1b and transglutaminase. *Journal of Clinical Investigation*. 116 - 5, pp. 1410 - 1424. (United States of America): AMER SOC CLINICAL INVESTIGATION INC, 06/04/2006. Available on-line at: <<https://www.ncbi.nlm.nih.gov/pubmed/16604191>>. ISSN 0021-9738

**DOI:** doi.org/10.1172/JCI27607

**Type of production:** Scientific paper

**Position of signature:** 5

**Total no. authors:** 16

**Impact source:** ISI

**Impact index in year of publication:** 15,754

**Position of publication:** 2

**Source of citations:** WOS

**Relevant publication:** Yes

**Format:** Journal

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

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

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

**No. of journals in the cat.:** 76

**Citations:** 177

- 8 Josep Maria Canals; Jose R. Pineda; Jesus F. Torres-Peraza; Miquel Bosch; Raquel Martin-Ibañez; M. Teresa Muñoz; Guadalupe Mengod; Patrik Ernfors; Jordi Alberch. Brain-derived neurotrophic factor regulates the onset and severity of motor dysfunction associated with enkephalinergic neuronal degeneration in Huntington's disease. *Journal of Neuroscience*. 24 - 35, pp. 7727 - 7739. (United States of America): THE SOCIETY FOR NEUROSCIENCE, 01/09/2004. Available on-line at: <<https://www.ncbi.nlm.nih.gov/pubmed/15342740>>. ISSN 0270-6474

**DOI:** 10.1523/JNEUROSCI.1197-04.2004

**Type of production:** Scientific paper

**Position of signature:** 2

**Total no. authors:** 9

**Impact source:** ISI

**Impact index in year of publication:** 7,907

**Position of publication:** 12

**Format:** Journal

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

**Category:** Science Edition - NEUROSCIENCES

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

**No. of journals in the cat.:** 198



**Source of citations:** WOS**Citations:** 240

**Relevant results:** The main result of this work done in collaboration with Patrik Ernfors (Karolinska Institutet, Stockholm, Sweden) was to characterize the importance of BDNF in Huntington's disease (HD). For that purpose we generated a double transgenic mouse model, expressing the exon I of the human mutant huntingtin, and at the same time, downregulating endogenous BDNF levels by allelic loss. We characterized that one of the first histological changes is a premature death of striatal enkephalinergic neurons. Conversely, we have demonstrated the feasibility of exogenous BDNF administration in order to protect these neurons. This work is very relevant in the HD scientific community (311 citations) as we have demonstrated that the decrease of BDNF supply from cortex is responsible for the severity and the onset of this lethal and irreversible neurodegeneration.

**Relevant publication:** Yes

- 9** Nerea Garcia-Urkia; Jon Luzuriaga; Veronica Uribe-Etxebarria; Igor Irastorza; Francisco Javier Fernandez-San-Argimiro; Beatriz Olalde; Nerea Briz; Fernando Unda; Gaskon Ibarretxe; Iratxe Madarieta; Jose Ramon Pineda. Enhanced Adipogenic Differentiation of Human Dental Pulp Stem Cells in Enzymatically Decellularized Adipose Tissue Solid Foams. *Biology*. 11 - 1099, pp. 1 - 19. MDPI, 23/07/2022. ISSN 2079-7737

**Type of production:** Scientific paper**Position of signature:** 11**Total no. authors:** 11**Impact source:** ISI**Impact index in year of publication:** 5,168**Position of publication:** 21**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Category:** Biology**Journal in the top 25%:** Yes**No. of journals in the cat.:** 94**Relevant results:** <https://doi.org/10.3390/biology11081099>

- 10** Irene Romayor; Lara Herrera; Maria Burón; Myriam Martín-Inajara; Laura Prieto; Jone Etxaniz; Marta Inglés-Ferrándiz; Jose Ramon Pineda; Cristina Eguizabal. A comparative study of cell culture conditions during conversion from primed to naive human pluripotent stem cells. *Biomedicines*. 10 - 6, pp. 1 - 19. MDPI, 03/06/2022. ISSN 2227-9059

**Type of production:** Scientific paper**Position of signature:** 8**Total no. authors:** 9**Impact source:** SCOPUS**Impact index in year of publication:** 6.081**Position of publication:** 65**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 295

- 11** Jon Luzuriaga; Patricia Garcia-Gallastegui; Nerea Garcia-Urkia; Jose Ramon Pineda; Igor Irastorza; Beatriz Olalde; Nerea Briz; Fernando Unda; Iratxe Madarieta; Gaskon Ibarretxe. Osteogenic Differentiation of human Dental Pulp Stem Cells in Decellularised Adipose Tissue Solid Foams. *European Cells and Materials*. 43, pp. 112 - 129. Davos(Switzerland): AO Research Institute Davos, 21/03/2022. Available on-line at: <<https://www.ecmjournal.org/papers/vol43/vol043a10.php>>. ISSN 1473-2262

**Type of production:** Scientific paper**Position of signature:** 5**Total no. authors:** 10**Impact source:** ISI**Impact index in year of publication:** 4.784**Position of publication:** 16**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - ORTHOPEDICS**Journal in the top 25%:** Yes**No. of journals in the cat.:** 82

- 12** Oier Pastor-Alonso; Irene Durá; Sara Bernardo-Castro; Emilio Varea; Soraya Martín-Suárez; Juan Manuel Encinas\*; Jose Ramon Pineda\*. MANUSCRIPT UNDER REVIEW: HB-EGF and zinc activate EGFR to induce reactive neural stem cells in the hippocampus after seizures. *Epilepsia*. 1 - 1, pp. 1 - 1. Wiley, 01/02/2022. ISSN 1528-1167
- Type of production:** Scientific paper  
**Position of signature:** 7
- Total no. authors:** 7  
**Impact source:** ISI  
**Impact index in year of publication:** 5.866  
**Position of publication:** 32
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Corresponding author:** Yes  
**Category:** Science Edition - CLINICAL NEUROLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 208
- 13** Sonia Olaechea-Lázaro; Iraia García-Santisteban; Jose Ramon Pineda; Iker Badiola; Santos Alonso; Jose Ramon Bilbao; Nora Fernandez-Jimenez. shinyCurves, a shiny web application to analyse multisource qPCR amplification data: a COVID-19 case study. *BMC Bioinformatics*. 22 - 1, pp. 1 - 6. [London] : BioMed Central, 2000-, 03/10/2021. Available on-line at: <<https://bmcbioinformatics.biomedcentral.com/articles/10.1186/s12859-021-04392-1>>. ISSN 1471-2105
- DOI:** 10.1186/s12859-021-04392-1  
**Type of production:** Scientific paper  
**Position of signature:** 3
- Total no. authors:** 7  
**Impact source:** ISI
- Impact index in year of publication:** 3.169  
**Position of publication:** 16
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Category:** Science Edition - MATHEMATICAL & COMPUTATIONAL BIOLOGY  
**No. of journals in the cat.:** 58
- 14** Jon Luzuriaga; Jon Irurzun; Igor Irastorza; Fernando Unda; Gaskon Ibarretxe\*; Jose R. Pineda\*. Vasculogenesis from Human Dental Pulp Stem Cells Grown in Matrigel with Fully Defined Serum-Free Culture Media. *Biomedicines*. 8 - 11, pp. 483. Basel(Switzerland): MDPI, 09/11/2020. Available on-line at: <<https://www.mdpi.com/2227-9059/8/11/483>>. ISSN 2227-9059
- DOI:** <https://doi.org/10.3390/biomedicines8110483>  
**Type of production:** Scientific paper  
**Position of signature:** 6
- Total no. authors:** 6  
**Impact source:** ISI
- Impact index in year of publication:** 6.081  
**Position of publication:** 32
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee  
**Corresponding author:** Yes  
**Category:** Science Edition - PHARMACOLOGY & PHARMACY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 275
- 15** Laurent R. Gauthier; Mahasen Saati; Hayet Bensalah-Pigeon; Karim Beb M'Barek; Oscar Gitton-Quent; Romane Bertrand; Didier Busso; Marc-André Mouthon; Ada Collura; Marie-Pierre Junier; Hervé Chneiweiss; José R. Pineda; François D. Boussin. The HIF1 $\alpha$ /JMY pathway promotes glioblastoma stem-like cell invasiveness after irradiation. *Scientific Reports*. 10 - 18742, pp. 1 - 13. Nature Publishing group, 30/10/2020. Available on-line at: <<https://www.nature.com/articles/s41598-020-75300-5>>. ISSN 2045-2322
- DOI:** <https://doi.org/10.1038/s41598-020-75300-5>  
**Type of production:** Scientific paper  
**Position of signature:** 12
- Total no. authors:** 13
- Format:** Journal  
**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee





**Impact source:** ISI

**Impact index in year of publication:** 4.379

**Position of publication:** 17

**Category:** Science Edition - MULTIDISCIPLINARY SCIENCES

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

**No. of journals in the cat.:** 73

- 16** Jon Luzuriaga; Jose R Pineda; Igor Irastorza; Veronica Uribe-Etxebarria; Patricia Garcia-Gallastegui; Juan M Encinas; Pablo Chamero; Fernando Unda; Gaskon Ibarretxe. BDNF and NT3 reprogram human ectomesenchymal Dental Pulp Stem Cells to neurogenic and gliogenic Neural Crest progenitors cultured with serum free medium. *Cellular Physiology and Biochemistry*. 52 - 6, pp. 1361 - 1380. (Switzerland): 11/05/2019. Available on-line at: <<https://www.cellphysiolbiochem.com/Articles/000096/>>. ISSN 1421-9778

**DOI:** 10.33594/000000096

**Type of production:** Scientific paper

**Position of signature:** 2

**Total no. authors:** 9

**Impact source:**

<https://www.recursoscientificos.fecyt.es/factor/>

**Impact index in year of publication:** 5.5

**Position of publication:** 8

**Source of citations:** WOS

**Format:** Journal

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

**Corresponding author:** Yes

**Category:** Science Edition - PHYSIOLOGY

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

**No. of journals in the cat.:** 83

**Citations:** 5

- 17** Jeitany Maya; Bakhos-Douaihy Dalal; Silvestre David C.; Pineda Jose R.; Ugolin Nicolas; Moussa Angela; Laurent R. Gauthier; Busso Didier; Junier Marie-Pierre; Chneiweiss Hervé; Chevillard Sylvie; Desmaze Chantal; Boussin François D.. Opposite effects of GCN5 and PCAF knockdowns on the alternative mechanism of telomere maintenance. *Oncotarget*. pp. 1 - 12. *Impact Journals*, 17/02/2017. Available on-line at: <[http://www.impactjournals.com/oncotarget/index.php?journal=oncotarget&page=article&op=view&path\[\]=15447](http://www.impactjournals.com/oncotarget/index.php?journal=oncotarget&page=article&op=view&path[]=15447)>. ISSN 1949-2553

**DOI:** 10.18632/oncotarget.15447

**Type of production:** Scientific paper

**Position of signature:** 3

**Total no. authors:** 13

**Impact source:** ISI

**Impact index in year of publication:** 5.168

**Position of publication:** 44

**Source of citations:** WOS

**Relevant publication:** No

**Format:** Journal

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

**Category:** Oncology

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

**No. of journals in the cat.:** 217

**Citations:** 6

- 18** Maya Jeitany; Jose R Pineda; Q Liu; RM Porreca; F Hoffschir; C Desmaze; David C Silvestre; Patrick Mailliet; Marie-Pierre Junier; Arturo Londoño-Vallejo; E Ségal-Bendirdjian; Hervé Chneiweiss; François D Boussin. A preclinical mouse model of glioma with an alternative mechanism of telomere maintenance (ALT). *International Journal of Cancer*. 136 - 7, pp. 1546 - 1558. (Switzerland): WILEY-BLACKWELL, 01/04/2015. Available on-line at: <<https://pubmed.ncbi.nlm.nih.gov/25175359/>>. ISSN 0020-7136

**DOI:** 10.1002/ijc.29171

**Type of production:** Scientific paper

**Position of signature:** 2

**Total no. authors:** 13

**Impact source:** ISI

**Impact index in year of publication:** 5.531

**Format:** Journal

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

**Category:** Oncology

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

**Position of publication:** 29**No. of journals in the cat.:** 213**Source of citations:** WOS**Citations:** 14

**Relevant results:** In this journal we characterized the stemness properties of the 1st cancer stem-like cell glioma that uses the ALT method to elongate its telomeres instead of the use of telomerase. This outcome is very relevant because is the first brain cancer with these characteristics. Moreover in this work we describe the efficiency of the G-quadruplex Q360 molecule. A chemical compound improved respects its previous version that can be delivered into brain to limit the growth of the tumour. Moreover, the cell line TG20 used in this study has been patented (patent WO2012063139 A1: "Glioma stem cells and methods for obtaining them").

**Relevant publication:** No

- 19** Mathieu Daynac; Jose Ramon Pineda; Alexandra Chicheportiche; Laurent R Gauthier; Lise Morizur; François D. Boussin; Marc-André Mouthon. TGF-beta lenghtens G1 phase of stem cells in aged brain. *Stem Cells*. 12 - 32, pp. 3257 - 3265. (United States of America): WILEY-BLACKWELL, 26/11/2014. ISSN 1066-5099

**DOI:** DOI: 10.1002/stem.1815**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 7**Impact source:** ISI**Category:** BIOTECHNOLOGY & APPLIED MICROBIOLOGY**Impact index in year of publication:** 6,523**Journal in the top 25%:** Yes**Position of publication:** 10**No. of journals in the cat.:** 163**Source of citations:** WOS**Citations:** 22

- 20** Mathieu Daynac; Alexandra Chicheportiche; Jose R. Pineda; Laurent R. Gauthier; François D. Boussin; Marc-Andre Mouthon. Quiescent neural stem cells exit dormancy upon alteration of gabaar signaling following radiation damage. *Stem Cell Research*. 11 - 1, pp. 516 - 528. (United Kingdom): 01/07/2013. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S1873506113000251>>. ISSN 1873-5061

**DOI:** DOI: doi: 10.1016/j.scr.2013.02.008**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 3**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 6**Impact source:** ISI**Category:** Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY**Impact index in year of publication:** 3,912**Journal in the top 25%:** Yes**Position of publication:** 31**No. of journals in the cat.:** 165**Source of citations:** WOS**Citations:** 42

- 21** David C. Silvestre; Jose R. Pineda; Françoise Hoffschir; JM Studler; Marc-Andre Mouthon; Françoise Pflumio; Marie-Pierre Junier; Herve Chneiweiss; François Boussin. Alternative lengthening of telomeres in human glioma stem cells. *Stem Cells*. 29 - 3, pp. 440 - 451. (United States of America): WILEY-BLACKWELL, 21/03/2011. Available on-line at: <<http://onlinelibrary.wiley.com/doi/10.1002/stem.600/abstract>>. ISSN 1066-5099

**DOI:** 10.1002/stem.600**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Impact source:** ISI**Category:** Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY

**Impact index in year of publication:** 7,81**Position of publication:** 7**Source of citations:** WOS**Relevant publication:** No**Journal in the top 25%:** Yes**No. of journals in the cat.:** 158**Citations:** 45

- 22** Noelia Urban; Raquel Martin-Ibanez; Empar Crespo; Noelia Urban; Solene Sergent-Tanguy; Cristina Herranz; Montserrat Jaumot; Manuel Valiente; Jason E. Long; Jose Ramon Pineda; Celia Andreu; John L. R. Rubinstein; Oscar Marin; Katia Georgopoulos; Guadalupe Mengod; Isabel Fariñas; Oriol Bachs; Jordi Alberch; Josep M. Canals. IKAROS-1 couples cell cycle arrest of late striatal precursors with neurogenesis of enkephalinergic neurons. *Journal of Comparative Neurology*. 518 - 3, pp. 329 - 351. (United States of America): WILEY-BLACKWELL, 01/02/2010. Available on-line at: <<http://onlinelibrary.wiley.com/doi/10.1002/cne.22215/abstract>>. ISSN 0021-9967

**DOI:** 10.1002/cne.22215**Type of production:** Scientific paper**Position of signature:** 9**Total no. authors:** 18**Impact source:** ISI**Impact index in year of publication:** 3,774**Position of publication:** 3**Impact source:** ISI**Impact index in year of publication:** 3,774**Position of publication:** 3**Source of citations:** WOS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** ZOOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 145**Category:** ZOOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 145**Citations:** 26

- 23** Jose R. Pineda; Raul Pardo; Diana Zala; Hua Yu; Sandrine Humbert; Frederic Saudou. Genetic and pharmacological inhibition of Calcineurin corrects the BDNF transport defect in Huntington's disease. *Molecular Brain*. 2 - 33, (United Kingdom): BIOMED CENTRAL, 27/10/2009. Available on-line at: <<http://www.molecularbrain.com/content/2/1/33>>. ISSN 1756-6606

**DOI:** doi:10.1186/1756-6606-2-3**Type of production:** Scientific paper**Position of signature:** 1**Impact source:** ISI**Impact index in year of publication:** 4,202**Position of publication:** 62**Source of citations:** WOS**Relevant publication:** No**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** Science Edition - NEUROSCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 252**Citations:** 41

- 24** Raquel Martin-Ibanez; Noelia Urban; Solene Sergent-Tanguy; Jose Pineda; Nuria Garrido-Clua; Jordi Alberch; Josep Canals. Interplay of leukemia inhibitory factor and retinoic acid on neural differentiation of mouse embryonic stem cells. *Journal of Neuroscience Research*. 85 - 12, pp. 2686 - 2701. WILEY-BLACKWELL, 01/09/2007. Available on-line at: <<https://www.ncbi.nlm.nih.gov/pubmed/17348039>>. ISSN 0360-4012

**DOI:** 10.1002/jnr.21228**Type of production:** Scientific paper**Position of signature:** 4**Total no. authors:** 7**Impact source:** ISI**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Category:** NEUROSCIENCES



**Impact index in year of publication:** 3,268  
**Position of publication:** 69

**Source of citations:** WOS

**Journal in the top 25%:** No  
**No. of journals in the cat.:** 211

**Citations:** 24

- 25** Jose R. Pineda; Nuria Rubio; Peter Akerud; Noelia Urban; Lina Badimon; Ernest Arenas; Jordi Alberch; Jeronimo Blanco; Josep M. Canals. Neuroprotection by GDNF-secreting stem cells in a Huntington's disease model: non-invasive optical neuroimage tracking of brain implanted cells. *Gene Therapy*. 14 - 2, pp. 118 - 128. (United Kingdom): NATURE PUBLISHING GROUP, 01/01/2007. Available on-line at: <<https://www.ncbi.nlm.nih.gov/pubmed/16943855>>. ISSN 0969-7128

**DOI:** doi:10.1038/sj.gt.3302847

**Type of production:** Scientific paper

**Position of signature:** 1

**Format:** Journal

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

**Total no. authors:** 9

**Impact source:** ISI

**Category:** Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY

**Impact index in year of publication:** 4,812

**Position of publication:** 13

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

**No. of journals in the cat.:** 138

**Source of citations:** WOS

**Citations:** 57

**Relevant results:** In the present work we developed a strategy to track graft stem cells intracranially without need to sacrifice the animal. Moreover we check the protection against striatal neurodegeneration both excitotoxic cell damage and cell therapy driven by stem cells secreting GDNF factor. This was one of the first works using non-invasive track system with the considerable difficulty of photon detection through bone-skull. This work published in the editorial of Nature group opened further studies becoming highly cited.

**Relevant publication:** No

- 26** Jose R. Pineda; Josep M. Canals; Miquel Bosch; Albert Adell; Guadalupe Mengod; Francesc Artigues; Patrik Ernfors; Jordi Alberch. Brain-derived neurotrophic factor modulates dopaminergic deficits in a transgenic mouse model of Huntington's disease. *Journal of Neurochemistry*. 93 - 5, pp. 1057 - 1068. (United Kingdom): WILEY-BLACKWELL, 01/06/2005. Available on-line at: <<https://www.ncbi.nlm.nih.gov/pubmed/15934928>>. ISSN 0022-3042

**DOI:** 10.1111/j.1471-4159.2005.03047.x

**Type of production:** Scientific paper

**Position of signature:** 1

**Format:** Journal

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

**Total no. authors:** 8

**Impact source:** ISI

**Category:** NEUROSCIENCES

**Impact index in year of publication:** 4,604

**Position of publication:** 28

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

**No. of journals in the cat.:** 200

**Source of citations:** WOS

**Citations:** 51

**Relevant publication:** No

- 27** Miquel Bosch; Jose R. Pineda; Cristina Suñol; Jordi Petriz; Elena Cattaneo; Jordi Alberch; Josep M<sup>a</sup> Canals. Induction of GABAergic phenotype in a neural stem cell line for transplantation in an excitotoxic model of Huntington's disease. *Experimental Neurology*. 190 - 1, pp. 42 - 58. (United States of America): ACADEMIC PRESS INC ELSEVIER SCIENCE, 01/11/2004. Available on-line at: <<https://www.ncbi.nlm.nih.gov/pubmed/15473979>>. ISSN 0014-4886

**DOI:** 10.1016/j.expneurol.2004.06.027

**Type of production:** Scientific paper

**Position of signature:** 2

**Format:** Journal

**Total no. authors:** 7

**Impact source:** ISI

**Impact index in year of publication:** 3,369

**Position of publication:** 55

**Source of citations:** WOS

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

**Category:** NEUROSCIENCES

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

**No. of journals in the cat.:** 198

**Citations:** 59

- 28** Crende Olatz; Jose R. Pineda; Garcia Gallastegui Patricia. Topic review: Stem and Cancer Stem Cells. Encyclopedia. 2, pp. 1 - 2. Multidisciplinary Digital Publishing Institute, 19/01/2021. ISSN 2309-3366

**Type of production:** Encyclopaedia article

**Position of signature:** 2

**Format:** Scientific and technical document or report

**Degree of contribution:** Author or co-author of scientific or technical document for the general public

**Total no. authors:** 3

- 29** Iratxe Madarieta; Jon Luzuriaga; Patricia García-Gallastegui; Nerea García-Urkia; Igor Irastorza; Francisco-Javier Fernandez-San-Argimiro; Verónica Uribe-Etxebarria; Lucía Jiménez-Rojo; Fernando Unda; Beatriz Olalde; Jose Ramon Pineda; Gaskon Ibarretxe. Decellularized adipose tissue solid foams for hDPSC differentiation to osteogenic and adipogenic cells in 3D culture. Protocols.io repository. pp. 1 - 27. Protocols.io, 08/03/2023.

**Type of production:** Book chapter

**Format:** Book

- 30** Jose Ramon Pineda; Yurena Polo; Beatriz Pardo-Rodríguez; Jon Luzuriaga; Verónica Uribe-Etxebarria; Patricia García-Gallastegui; José Ramón Sarasua; Aitor Larrañaga; Gaskon Ibarretxe. In vitro preparation of human Dental Pulp Stem Cell grafts with biodegradable polymer scaffolds for nerve tissue engineering. Methods in Cell Biology. pp. 1 - 21. Elsevier Inc., 25/04/2022.

**Type of production:** Book chapter

**Format:** Book

**Corresponding author:** Yes

- 31** Jose R. Pineda; Iker Badiola; Gaskon Ibarretxe. Stem and Cancer Stem Cell Identities, Cellular Markers, Niche Environment and Response to Treatments to Unravel New Therapeutic Targets. Biology. 10 - 1, pp. 1 - 2. MDPI, 02/01/2021. Available on-line at: <<https://www.mdpi.com/2079-7737/10/1/25>>. ISSN 2079-7737

**DOI:** <https://doi.org/10.3390/biology10010025>

**Type of production:** Scientific edition

**Format:** Journal

**Position of signature:** 1

**Degree of contribution:** Editor or co-editor

**Total no. authors:** 3

**Corresponding author:** Yes

**Impact source:** ISI

**Category:** Biology

**Impact index in year of publication:** 5.079

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

**Position of publication:** 16

**No. of journals in the cat.:** 93

- 32** Verónica Uribe-Etxebarria; Jose Ramon Pineda; Patricia García-Gallastegi; Alice Agliano; Fernando Unda; Gaskon Ibarretxe. Notch and Wnt Signaling Modulation to Enhance DPSC Stemness and Therapeutic Potential. International Journal of Molecular Sciences. 24 - 8, pp. 1 - 14. MDPI, 17/04/2023. Available on-line at: <<https://www.mdpi.com/1422-0067/24/8/7389>>. ISSN 1422-0067

**DOI:** 10.3390/ijms24087389

**Type of production:** Review

**Format:** Journal

**Position of signature:** 2

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

**Total no. authors:** 6

**Impact source:** ISI

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

**Impact index in year of publication:** 6.208

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



**Position of publication:** 69**No. of journals in the cat.:** 297

- 33** Jon Luzuriaga; Yurena Polo; Oier Pastor-Alonso; Beatriz Pardo-Rodriguez; Aitor Larrañaga; Fernando Unda; Jose Ramon Sarasua; Jose Ramon Pineda\*; Gaskon Ibarretxe\*. Advances and perspectives in dental pulp stem cell based neuroregeneration therapies. International Journal of Molecular Sciences. 22 - 7, pp. 1 - 21. 29/03/2021. ISSN 1422-0067

**Type of production:** Review**Position of signature:** 8**Total no. authors:** 9**Impact source:** ISI**Impact index in year of publication:** 5.923**Position of publication:** 67**Relevant results:** EISSN: 1422-0067**Format:** Journal**Degree of contribution:** Author or co-author of review**Corresponding author:** Yes**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 298

- 34** Olatz Crende; Patricia García-Gallastegui; Jon Luzuriaga; Iker Badiola; Carmen De la Hoz; Fernando Unda; Gaskon Ibarretxe\*; Jose R. Pineda\*. Is There Such a Thing as a Genuine Cancer Stem Cell Marker? Perspectives from the Gut, the Brain and the Dental Pulp. Biology. 9 - 12, pp. 1 - 26. MDPI, 27/11/2020. Available on-line at: <<https://www.mdpi.com/2079-7737/9/12/426>>. ISSN 2079-7737

**DOI:** <https://doi.org/10.3390/biology9120426>**Type of production:** Review**Position of signature:** 8**Total no. authors:** 8**Impact source:** ISI**Impact index in year of publication:** 5.079**Position of publication:** 16**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Category:** Science Edition - BIOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 93

- 35** Jose R. Pineda; Juan M. Encinas. The Contradictory Effects of Neuronal Hyperexcitation on Adult Hippocampal Neurogenesis. Frontiers in Neuroscience. 10 - 74, pp. 1 - 8. Lausanne : Frontiers Research Foundation, 03/03/2016. Available on-line at: <The Contradictory Effects of Neuronal Hyperexcitation on Adult Hippocampal Neurogenesis>.

**Type of production:** Review**Position of signature:** 1**Total no. authors:** 2**Impact source:** ISI**Impact index in year of publication:** 3.566**Position of publication:** 83**Source of citations:** Scholar Google**Format:** Journal**Degree of contribution:** Author or co-author of review**Corresponding author:** No**Category:** Science Edition - NEUROSCIENCES**Journal in the top 25%:** No**No. of journals in the cat.:** 259**Citations:** 7

- 36** Jose R Pineda; François D. Boussin; Marc-Andre Mouthon. TGF-beta, a troublemaker in the adult neural stem cell niche. Medecine Sciences: M/S. 29 - 6-7, pp. 572 - 574. (France): SRMS: Société de la revue médecine/sciences and Éditions EDK, 12/07/2013. ISSN 0767-0974

**Type of production:** Review**Position of signature:** 1**Impact source:** ISI**Impact index in year of publication:** 0,56**Format:** Journal**Degree of contribution:** Author or co-author of review**Citations:** 3



- 37** Pineda Jose R; Jeitany Maya; Andrieux Annie; Junier Marie Pierre; Chneiweiss Hervé; Boussin François D.. Intranasal Administration of Temozolomide Delayed the Development of Brain Tumors Initiated by Human Glioma Stem-Like Cell in Nude Mice. *Journal of Cancer Science & Therapy*. 9 - 2, pp. 374 - 378. 29/03/2017.

**Type of production:** Scientific-technical report

**Format:** Journal

**Corresponding author:** Yes

## Works submitted to national or international conferences

- 1** **Title of the work:** Modulation of phagocytic dynamics of mouse microglia with extracellular vesicles secreted by dental pulp stem cells  
**Name of the conference:** 11th World Congress of Neuroscience - 2023  
**Corresponding author:** Yes  
**City of event:** Granada, Spain  
**Date of event:** 09/09/2023  
**End date:** 13/09/2023  
**Organising entity:** IBRO International Brain Research Organization  
Manero-Roig I.; Pardo-Rodríguez B.; Luzuriaga J.; Basanta-Torres R.; Salvador J.; Polo Y.; Unda F.; Ibarretxe G.; Pineda J.R.
- 2** **Title of the work:** Bioresorbable polymeric scaffolds coated with graphene oxide for human dental pulp stem cell delivery in a model of intracerebral stab wound injury  
**Name of the conference:** 11th World Congress of Neuroscience - 2023  
**Corresponding author:** Yes  
**City of event:** Granada, Spain  
**Date of event:** 09/09/2023  
**End date:** 13/09/2023  
**Organising entity:** IBRO International Brain Research Organization  
Polo Y.; Pardo-Rodríguez B.; Manero-Roig I.; Luzuriaga J.; Rubio-Emazabel L.; Ibarretxe G.; Unda F.; Sarasua J.R.; Larrañaga A.; Pineda J.R.
- 3** **Title of the work:** Ceria nanoparticles induce oligodendrocyte differentiation of neural stem cells.  
**Name of the conference:** 11th World Congress of Neuroscience - 2023  
**Corresponding author:** Yes  
**City of event:** Granada, Spain  
**Date of event:** 09/09/2023  
**End date:** 13/09/2023  
**Organising entity:** IBRO International Brain Research Organization  
Martin-Aragon D.; Basanta-Torres R.; Polo Y.; Pardo-Rodríguez B.; Manero-Roig I.; Luzuriaga J.; Ibarretxe G.; Unda F.; Sarasua J.R.; Larrañaga A.; Pineda J.R.
- 4** **Title of the work:** Intracarotid grafts of human Dental Pulp Stem Cells Contribute to Brain Neovascularization after Ischemic Stroke  
**Name of the conference:** 11th World Congress of Neuroscience - 2023  
**Corresponding author:** No  
**City of event:** Granada, Spain  
**Date of event:** 09/09/2023  
**End date:** 13/09/2023  
**Organising entity:** IBRO International Brain Research Organization  
Oyon L.; Salvador J.; Arbizu M.; Pardo-Rodríguez B.; Hernández M.I.; Iglesias L.; Aguado L.; Ciria E.; Manero-Roig I.; Luzuriaga J.; Pineda J.R.; Martín A.; Ibarretxe G.





- 5** **Title of the work:** Nanotopography with bioresorbable polymeric scaffolds to design and guide shape and growth of human pluripotent and embryonic stem cells.  
**Name of the conference:** 11th World Congress of Neuroscience - 2023  
**Corresponding author:** Yes  
**City of event:** Granada, Spain  
**Date of event:** 09/09/2023  
**End date:** 13/09/2023  
**Organising entity:** IBRO International Brain Research Organization  
Romayor I.; Polo Y.; Martín-Colomo S.; Bello C.; Basanta-Torres R.; Manero-Roig I.; Pardo-Rodríguez B.; Luzuriaga J.; Unda F.; Ibarretxe G.; Sarasua J.R.; Larrañaga A.; Eguizábal C.; Pineda J.R.
- 6** **Title of the work:** Refinement of human dental pulp stem cell neurodifferentiation protocols into functional neural like cells  
**Name of the conference:** 11th World Congress of Neuroscience - 2023  
**Corresponding author:** Yes  
**City of event:** Granada, Spain  
**Date of event:** 09/09/2023  
**End date:** 13/09/2023  
**Organising entity:** IBRO International Brain Research Organization  
Pardo-Rodríguez B.; Baraibar A.M.; Manero-Roig I.; Luzuriaga J.; Salvador J.; Polo Y.; Basanta-Torres R.; Unda F.; Mato S.; Ibarretxe G.; Pineda J.R.
- 7** **Title of the work:** Alginate and hyaluronic acid-based hydrogels loaded with antioxidant nanoentities as human dental pulp stem cells carriers to improve cell therapy in central nervous system  
**Name of the conference:** 33rd Annual Conference of the European Society for Biomaterials  
**City of event:** Davos, Switzerland  
**Date of event:** 04/09/2023  
**End date:** 08/09/2023  
**Organising entity:** European Society for Biomaterials  
Martín-Colomo S.; Ibarretxe G.; Pineda J.R.; Larrañaga A.
- 8** **Title of the work:** Decellularized adipose tissue extracellular matrix for three-dimensional stem cell culture and bone tissue engineering  
**Name of the conference:** IX International congress of Histology and Tissue Engineering (SEHIT-22)  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** No  
**City of event:** Granada, Foral Community of Navarre, Spain  
**Date of event:** 06/09/2022  
**End date:** 09/09/2022  
**Organising entity:** Spanish Society of Histology and Tissue Engineering  
**Type of entity:** Associations and Groups  
**With external admission assessment committee:** Yes  
**Type of contribution:** Scientific-technical report  
Gaskon Ibarretxe; Jon Luzuriaga; Nerea García-Urkiá; Patricia García-Gallastegui; Igor Irastorza; I. Etxeberria; Jone Salvador; Beatriz Olalde; Fernando Unda; Jose R. Pineda; Iratxe Madarieta. En: Histol Histopathol. 31 - S1, pp. 44 - 44. ISSN 1699-5848
- 9** **Title of the work:** HB-EGF participates in the ERBB signaling pathway inducing chemotactic migration and invasive properties of neural stem cells  
**Name of the conference:** IX International congress of Histology and Tissue Engineering (SEHIT-22)



**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**Corresponding author:** Yes

**City of event:** Granada, Foral Community of Navarre, Spain

**Date of event:** 06/09/2022

**End date:** 09/09/2022

**Organising entity:** Spanish Society of Histology and Tisular Engineering **Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

**Type of contribution:** Scientific-technical report

Irene Romayor; Irene Manero-Roig; Yurena Polo; Jon Luzuriaga; Ruth Basanta; Oier Pastor-Alonso; Juan M Encinas; Cristina Eguizábal; Fernando Unda; Gaskon Ibarretxe; Jose R. Pineda. En: Histol Histopathol. 31 - S1, pp. 44 - 44. ISSN 1699-5848

**10 Title of the work:** Influence of serum presence on the neurodifferentiation process of human dental pulp stem cells

**Name of the conference:** IX International congress of Histology and Tissue Engineering (SEHIT-22)

**Type of event:** Conference

**Type of participation:** Participatory - poster

**Corresponding author:** Yes

**City of event:** Granada, Foral Community of Navarre, Spain

**Date of event:** 06/09/2022

**End date:** 09/09/2022

**Organising entity:** Spanish Society of Histology and Tisular Engineering **Type of entity:** Associations and Groups

**With external admission assessment committee:** Yes

Beatriz Pardo-Rodríguez; Irene Manero-Roig; Jon Luzuriaga; Yurena Polo; Irene Romayor; Fernando Unda; Gaskon Ibarretxe; Jose R. Pineda. En: Histology and Histopathology. 37 - S1, pp. 173 - 173. ISSN 1699-5848

**11 Title of the work:** Study of the capacity of alignment and migration of neural and dental stem and progenitor cells cultured on nanopatterned polydopamine bioresorbable polymer scaffolds for cell therapy

**Name of the conference:** IX International congress of Histology and Tissue Engineering (SEHIT-22)

**Corresponding author:** Yes

**City of event:** Granada, Foral Community of Navarre, Spain

**Date of event:** 06/09/2022

**End date:** 09/09/2022

**Organising entity:** Spanish Society of Histology and Tisular Engineering **Type of entity:** Associations and Groups

Irene Manero-Roig; Yurena Polo; Beatriz Pardo-Rodríguez; Irene Romayor; Jon Luzuriaga; L Rubio-Emazabel; Cristina Eguizábal; Gaskon Ibarretxe; Fernando Unda; Jose R. Sarasua; Aitor Larañaga\*; Jose R. Pineda\*.

**12 Title of the work:** Graphene derivatives and cerium oxide nanoparticles based hydrogels as three-dimensional substrates for neural stem cell differentiation towards astroglial, neuronal and oligodendroglial lineages

**Name of the conference:** NeuroGune

**Corresponding author:** Yes

**City of event:** Pamplona, Foral Community of Navarre, Spain

**Date of event:** 01/07/2022

**End date:** 01/07/2022

**Type of entity:** Foundation



**Organising entity:** Achucarro Basque Center for Neuroscience Fundazioa

Yurena Polo; Jon Luzuriaga; Sergio González de Langarica; Beatriz Pardo-Rodríguez; Edurne Marin; D Martínez-Tong; Irene Manero-Roig; Gaskon Ibarretxe; Fernando Unda; Jose R. Sarasua; Jose R. Pineda\*; Aitor Larrañaga\*.

**13 Title of the work:** Human dental pulp stem cells express the angiotensin-renin system and its stimulation increases cell proliferation, while retaining their neurodifferentiation potential

**Name of the conference:** NeuroGune

**Corresponding author:** Yes

**City of event:** Pamplona, Foral Community of Navarre, Spain

**Date of event:** 01/07/2022

**End date:** 01/07/2022

**Organising entity:** Achucarro Basque Center for Neuroscience Fundazioa      **Type of entity:** Foundation

Jon Luzuriaga; Jone Salvador; Ander Martín; Beatriz Pardo-Rodríguez; Irene Manero-Roig; Igor Irastorza; Yurena Polo; Fernando Unda; Iker Badiola; Gaskon Ibarretxe; Jose R. Pineda\*; Asier Valdivia\*.

**14 Title of the work:** Optimization of neurodifferentiation protocols of human dental pulp stem cells in serum free media

**Name of the conference:** NeuroGune

**Corresponding author:** Yes

**City of event:** Pamplona, Foral Community of Navarre, Spain

**Date of event:** 01/07/2022

**End date:** 01/07/2022

**Organising entity:** Achucarro Basque Center for Neuroscience Fundazioa      **Type of entity:** Foundation

Beatriz Pardo-Rodríguez; Irene Manero-Roig; Jon Luzuriaga; Yurena Polo; Irene Romayor; Fernando Unda; Gaskon Ibarretxe; Jose R. Pineda.

**15 Title of the work:** Use of bioresorbable nanopatterned polymer Scaffolds as a strategy to guide the migration of neural and dental stem and progenitor cells

**Name of the conference:** NeuroGune

**Corresponding author:** Yes

**City of event:** Pamplona, Foral Community of Navarre, Spain

**Date of event:** 01/07/2022

**End date:** 01/07/2022

**Organising entity:** Achucarro Basque Center for Neuroscience Fundazioa      **Type of entity:** Foundation

Irene Manero-Roig; Yurena Polo; Beatriz Pardo-Rodríguez; Irene Romayor; Jon Luzuriaga; L Rubio-Emazabel; Cristina Eguizábal; Gaskon Ibarretxe; Fernando Unda; Jose R. Sarasua; Aitor Larrañaga\*; Jose R. Pineda\*.

**16 Title of the work:** Self-assembled hybrid hydrogels based on graphene derivatives and cerium oxide nanoparticles as three-dimensional substrates for neural stem cells

**Name of the conference:** SPAOM2021

**Corresponding author:** Yes

**City of event:** Lisboa, Portugal

**Date of event:** 23/11/2021

**End date:** 25/11/2021

**Organising entity:** Instituto Gulbenkian de Ciência

**City organizing entity:** Oeiras, Portugal



Jose Ramon Pineda.

- 17** **Title of the work:** SELF-ASSEMBLED HYBRID HYDROGELS BASED ON GRAPHENE DERIVATES AND CERIUM OXIDE NANOPARTICLES AS THREEDIMENSIONAL SUBSTRATES FOR NEURAL STEM CELLS.  
**Name of the conference:** SENC  
**Corresponding author:** Yes  
**City of event:** Lleida, Catalonia, Spain  
**Date of event:** 03/11/2021  
**End date:** 05/11/2021  
**Organising entity:** Spanish Society of Neuroscience  
Yurena Polo; Jon Luzuriaga; Sergio Gonzalez de Langarica; Beatriz Pardo Rodriguez; Edurne Marin; Daniel E. Martinez-Tong; Gaskon Ibarretxe; Fernando Unda; JR Sarasua; Aitor Larrañaga; Jose Ramon Pineda.
- 18** **Title of the work:** Human-derived extracellular matrix solid foams for in vitro adipose tissue formation  
**Name of the conference:** 31st Conference of European Society for Biomaterials ESB2021  
**City of event:** Porto, Portugal  
**Date of event:** 05/09/2021  
**End date:** 07/09/2021  
**Organising entity:** European Society fo Biomaterials  
Nerea García Urkia; Iratxe Madarieta; Jose Ramon Pineda; Igor Irastorza; Gaskon Ibarretxe; Fernando Unda.
- 19** **Title of the work:** Self-assembled hybrid hydrogels based on graphene derivatives and cerium oxide nanoparticles as three-dimensional substrates for neural stem cells  
**Name of the conference:** 31st Conference of European Society for Biomaterials ESB2021  
**City of event:** Porto, Portugal  
**Date of event:** 05/09/2021  
**End date:** 07/09/2021  
**Organising entity:** European Society fo Biomaterials  
Yurena Polo; Jon Luzuriaga; Sergio Gonzalez de Langarica; Beatriz Pardo-Rodriguez; Edurne Marin; Daniel Martinez-Tong; Gaskon Ibarretxe; Fernando Unda; Jose Ramon Sarasua; Jose Ramon Pineda; Aitor Larrañaga.
- 20** **Title of the work:** Caracterización de las vesículas extracelulares de las células madre normales y cancerígenas humanas  
**Name of the conference:** XIV Congreso Anual de Biotecnología (BAC Zaragoza 2021)  
**Corresponding author:** Yes  
**City of event:** Zaragoza, Aragon, Spain  
**Date of event:** 08/07/2021  
**End date:** 09/07/2021  
**Organising entity:** Federación Española de Biotecnólogos  
Irene Manero; Gaskon Ibarretxe; Jose R. Pineda.
- 21** **Title of the work:** Nanopatterned Scaffolds Based on Bioresorbable Polymers and Graphene Oxide Induce the Aligned Migration and Accelerates the Neuronal Differentiation of Neural Stem Cells.  
**Name of the conference:** Cell Bio Virtual 2020  
**Corresponding author:** Yes  
**City of event:** (Virtual), United States of America  
**Date of event:** 01/12/2020  
**End date:** 16/12/2020  
**Organising entity:** The American Society for Cell Biology



JR Pineda; Y Polo; J Luzuriaga; I Irastorza; J Iturri; JL Toca-Herrera; G Ibarretxe; F Unda; J Sarasua; A Larrañaga.

- 22** **Title of the work:** Capacidad de Vasculogenesis de las células madre de la pulpa dental (DPSCs) crecidas en matrigel en un medio de cultivo definido libre de suero  
**Name of the conference:** XL Congreso Mexicano y VII Iberoamericano de Histología  
**Corresponding author:** Yes  
**City of event:** Cuautitlán (virtual), Mexico  
**Date of event:** 09/11/2020  
**End date:** 13/11/2020  
**Organising entity:** La Sociedad Mexicana de Histología A.C.  
Jon Luzuriaga; Jon Irurzun; Igor Irastorza; Fernando Unda; Gaskon Ibarretxe; Jose Ramon Pineda.
- 23** **Title of the work:** Los andamios con nano-patronos basados en polímeros bioabsorbibles y óxido de grafeno inducen la migración alineada y aceleran la diferenciación neuronal de las células madre neurales.  
**Name of the conference:** XL Congreso Mexicano y VII Iberoamericano de Histología  
**Corresponding author:** Yes  
**City of event:** Cuautitlán (virtual), Mexico  
**Date of event:** 09/11/2020  
**End date:** 13/11/2020  
**Organising entity:** La Sociedad Mexicana de Histología A.C.  
Yurena Polo; Jon Luzuriaga; Igor Irastorza; Jagoba Iturri; José L. Toca-Herrera; Gaskon Ibarretxe; Fernando Unda; Jose Ramon Sarasua; Jose Ramon Pineda; Aitor Larrañaga.
- 24** **Title of the work:** Nanopatterned Scaffolds Based on Bioresorbable Polymers and Graphene Oxide Induce the Aligned Migration and Accelerates the Neuronal Differentiation of Neural Stem Cells.  
**Name of the conference:** 12th FENS Forum of Neuroscience  
**Corresponding author:** Yes  
**City of event:** Glasgow (virtual), Eastern Scotland, United Kingdom  
**Date of event:** 11/07/2020  
**End date:** 15/07/2020  
**Organising entity:** Federation of European Neurosciences  
Jose Ramon Pineda; Yurena Polo; Jon Luzuriaga; Igor Irastorza; Jagoba Iturri; Gaskon Ibarretxe; Fernando Unda; Jose Ramon Sarasua; Aitor Larrañaga.
- 25** **Title of the work:** Human-derived extracellular matrix solid foams for in vitro adipose tissue formation.  
**Name of the conference:** Matrix Biology Europe Congress 2020  
**Corresponding author:** No  
**City of event:** Florencia, Italy  
**Date of event:** 24/05/2020  
**End date:** 28/05/2020  
**Organising entity:** Matrix Biology Europe  
Nerea García-Urquia; Iratxe Madarieta; Jose Ramon Pineda; Igor Irastorza; Gaskon Ibarretxe; Fernando Unda.
- 26** **Title of the work:** Nanostructured Scaffolds Based on Bioresorbable Polymers and Graphene Oxide to Promote Neurodifferentiation of Stem Cells  
**Name of the conference:** 11th World Biomaterials Congress WBC 2020  
**Corresponding author:** No  
**City of event:** Glasgow, Eastern Scotland, United Kingdom  
**Date of event:** 19/05/2020  
**End date:** 24/05/2020



**Organising entity:** WBC2020 Conference Secretariat

Yurena Polo; Jose Ramon Pineda; Jon Luzuriaga; Igor Irastorza; Jagoba Iturri; Juan Manuel Encinas; Gaskon Ibarretxe; Fernando Unda; Aitor Larrañaga; Jose Ramon Sarasua.

- 27** **Title of the work:** Cellular aggregates for use in vascularisation therapy.  
**Name of the conference:** I Congreso de Emprendimiento de la UPV/EHU: La Universidad emprendedora del siglo XXI, Retos y Oportunidades  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** San Sebastián, Basque Country, Spain  
**Date of event:** 28/11/2019  
**End date:** 28/11/2019  
**Organising entity:** Universidad del País Vasco      **Type of entity:** University  
José Ramón Pineda.
- 28** **Title of the work:** Cellular aggregates for use in vascularisation therapy.  
**Name of the conference:** I Congreso de Emprendimiento de la UPV/EHU: La Universidad emprendedora del siglo XXI, Retos y Oportunidades  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**Corresponding author:** Yes  
**City of event:** San Sebastián, Basque Country, Spain  
**Date of event:** 28/11/2019  
**End date:** 28/11/2019  
**Organising entity:** Universidad del País Vasco      **Type of entity:** University  
**With external admission assessment committee:** Yes  
José Ramón Pineda.
- 29** **Title of the work:** Zinc dependent HB-EGF release participates in the EGFR signaling in intra-hippocampal kainate mouse model of epilepsy and its inhibition reduces aberrant cell proliferation.  
**Name of the conference:** XVIII Nacional Meeting from "Spanish Neuroscience Society" (SENC2019)  
**Type of event:** Conference      **Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**Corresponding author:** Yes  
**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  
**With external admission assessment committee:** Yes  
Oier Pastor-Alonso; Sara Bernardo-Castro; Irene Durá; Emilio Varea; Soraya Martín; Juan Manuel Encinas; Jose Ramon Pineda.
- 30** **Title of the work:** Zinc dependent HB-EGF release participates in the induction of reactive neural stem cells in a mouse model of MTLE.  
**Name of the conference:** Second RENA Symposium Valencia 2019  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** Valencia, Valencian Community, Spain  
**Date of event:** 28/03/2019  
**End date:** 28/03/2019





**Organising entity:** Consejo Superior de Investigaciones Científicas

**Type of entity:** State agency

**City organizing entity:** Valencia, Valencian Community, Spain

**With external admission assessment committee:** Yes  
Jose R. Pineda.

- 31** **Title of the work:** Fabrication of nanostructured polymer films based on bioresorbable polyesters and graphene oxide to promote the neurodifferentiation of stem cells.  
**Name of the conference:** 10th ECNP International Conference on Nanostructured Polymers and Nanocomposites  
**City of event:** San Sebastian, Basque Country, Spain  
**Date of event:** 03/10/2018  
**End date:** 05/10/2018  
**Organising entity:** European Centre for Nanostructured Polymers  
A. Larrañaga; I. Irastorza; J. Luzuriaga; N. Arranz; J.M. Encinas; J.R. Pineda; F. Unda; G. Ibarretxe; J.R. Sarasua.
- 32** **Title of the work:** Integration and fate of human dental pulp stem cells grown in neurogenic media after intracerebral graft into athymic nude mice.  
**Name of the conference:** Basque Neuroscience Meetig "Neurogune"  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**Corresponding author:** Yes  
**City of event:** Vitoria-Gasteiz, Basque Country, Spain  
**Date of event:** 07/09/2018  
**End date:** 07/09/2018  
**Organising entity:** Achucarro Basque Center for Neuroscience  
**City organizing entity:** Bilbao, Basque Country, Spain  
**With external admission assessment committee:** Yes  
Pineda José R.
- 33** **Title of the work:** The neuronal and glial differentiation potential of Neural Crest progenitors derived from Ectomesenchymal human Dental Pulp Stem Cells.  
**Name of the conference:** Basque Neuroscience Meetig "Neurogune"  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**Corresponding author:** No  
**City of event:** Vitoria-Gasteiz, Basque Country, Spain  
**Date of event:** 07/09/2018  
**End date:** 07/09/2018  
**Organising entity:** Achucarro Basque Center for Neuroscience  
**City organizing entity:** Bilbao, Basque Country, Spain  
**With external admission assessment committee:** Yes  
1; J. Luzuriaga; Jose R. Pineda; I. Irastorza; V. Uribe-Etxebarria; P. Gallastegui Garcia; JM Encinas; P. Chamero; F. Unda; G. Ibarretxe.
- 34** **Title of the work:** Zinc mediated activation of EGFR pathway plays a role in the induction of hyperproliferation and reactivation of neural stem cells after seizures.  
**Name of the conference:** Basque Neuroscience Meetig "Neurogune"  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes



**City of event:** Vitoria-Gasteiz, Basque Country, Spain  
**Date of event:** 07/09/2018  
**End date:** 07/09/2018  
**Organising entity:** Achucarro Basque Center for Neuroscience  
**City organizing entity:** Bilbao, Basque Country, Spain  
**With external admission assessment committee:** Yes  
Pineda José R.

**35 Title of the work:** Human dental pulp stem cells grown in neurocult media integrate and differentiate into endothelial cells both in vitro and after intrahippocampal graft into athymic nude mic

**Name of the conference:** 11th FENS Forum Neuroscience

**Corresponding author:** Yes

**City of event:** Berlin, Berlin, Germany

**Date of event:** 07/07/2018

**End date:** 11/07/2018

**Organising entity:** Federation of European Neurosciences

Jose R. Pineda; Jon Luzuriaga; Oier Pastor-Alonso; Juan M. Encinas; Fernando Unda; Gaskon Ibarretxe.

**36 Title of the work:** ATP links the Induction of Reactive Neural Stem Cells by Neuronal Hyperexcitation.

**Name of the conference:** Adult Neurogenesis 2018

**Corresponding author:** No

**City of event:** Dresden, Dresden, Germany

**Date of event:** 02/05/2018

**End date:** 04/05/2018

**Organising entity:** Abcam

**Type of entity:** Business

**City organizing entity:** Dresden, Dresden, Germany

Soraya Martin-Suarez; Oier Pastor-Alonso; Irene Durá; Jose R Pineda; Juan M Encinas.

**37 Title of the work:** Human Dental Pulp Stem Cells grown in neurocult media integrate and differentiate into endothelial cells both in vitro and after intrahippocampal graft into Athymic nude mice.

**Name of the conference:** Joint Congress 2017 SEBD

**Corresponding author:** Yes

**City of event:** Gijón, Principality of Asturias, Spain

**Date of event:** 24/10/2017

**End date:** 27/10/2017

**Organising entity:** Sociedades españolas de Biología Celular, Genética y Desarrollo

Jon Luzuriaga; Oier Pastor Alonso; Juan Manuel Encinas; Fernando Unda; Gaskon Ibarretxe; Jose R. Pineda.

**38 Title of the work:** EGFR signaling is upregulated in mouse hippocampal neurogenic niches from hyperexcitatory kainate model of epilepsy and its inhibition reduces aberrant cell proliferation.

**Name of the conference:** 17th National Congress of the Spanish Society of Neuroscience

**Corresponding author:** Yes

**City of event:** Alicante, Valencian Community, Spain

**Date of event:** 27/09/2017

**End date:** 30/09/2017

**Organising entity:** SOCIEDAD ESPAÑOLA DE NEUROCIENCIA

Oier Pastor Alonso; Soraya Martín Suárez; Emilio Varea; Juan Manuel Encinas; José R. Pineda.



- 39** **Title of the work:** Optic, Genetic and physic tools to better characterize tunneling nanotube structures created by glioma stem cells  
**Name of the conference:** Spanish Portuguese Meeting for Advanced Optical Microscopy (SPAOM2016)  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** Bilbao, Basque Country, Spain  
**Date of event:** 05/10/2016  
**End date:** 07/10/2016  
**Organising entity:** Achucarro Basque Center for Neuroscience Fundazioa      **Type of entity:** Foundation  
**City organizing entity:** Bilbao, Basque Country, Spain  
**With external admission assessment committee:** Yes  
Jose R Pineda; Thierry Kortulewski; Maya Jeitany; Laurent Gauthier; Marie P. Junier; Hervé Chneiweiss; Annie Andrieux; François D. Boussin. 05/10/2016.
- 40** **Title of the work:** Optic, Genetic and physic tools to better characterize tunneling nanotube structures created by glioma stem cells  
**Name of the conference:** Spanish Portuguese Meeting for Advanced Optical Microscopy (SPAOM2016)  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**Corresponding author:** Yes  
**City of event:** Bilbao, Basque Country, Spain  
**Date of event:** 05/10/2016  
**End date:** 07/10/2016  
**Organising entity:** Achucarro Basque Center for Neuroscience Fundazioa      **Type of entity:** Foundation  
**City organizing entity:** Bilbao, Basque Country, Spain  
**With external admission assessment committee:** Yes  
Jose R Pineda; Thierry Kortulewski; Maya Jeitany; Laurent Gauthier; Marie P. Junier; Hervé Chneiweiss; Annie Andrieux; François D. Boussin. 05/10/2016.
- 41** **Title of the work:** Confocal and videoconfocal imaging as a tool to study LPAR1 role on the transition from developmental to adult neural stem cells in the hippocampus  
**Name of the conference:** Spanish Portuguese Meeting for Advanced Optical Microscopy (SPAOM2016)  
**Corresponding author:** Yes  
**City of event:** Bilbao, Basque Country, Spain  
**Date of event:** 05/10/2016  
**End date:** 07/10/2016  
**Organising entity:** Achucarro Basque Center for Neuroscience      **Type of entity:** Foundation  
**City organizing entity:** Bilbao, Basque Country, Spain  
Oier Pastor-Alonso; Juan M. Encinas; José R. Pineda.
- 42** **Title of the work:** Reactive neural stem cells in the adult brain  
**Name of the conference:** Spanish Portuguese Meeting for Advanced Optical Microscopy (SPAOM2016)  
**Corresponding author:** No  
**City of event:** Bilbao, Basque Country, Spain  
**Date of event:** 05/10/2016  
**End date:** 07/10/2016  
**Organising entity:** Achucarro Basque Center for Neuroscience      **Type of entity:** Foundation



**City organizing entity:** Bilbao, Basque Country, Spain

Soraya Martín-Suárez; Roberto Valcárcel-Martín; Oier Pastor-Alonso; José R. Pineda; Juan M. Encinas.

- 43** **Title of the work:** LPAR1-EGFP Expression Marks the Transition from Developmental to Adult Neural Stem Cells in the Hippocampus  
**Name of the conference:** 3rd Eurogenesis Meeting in Bordeaux  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Bordeaux, Aquitaine, France  
**Date of event:** 11/07/2016  
**End date:** 13/07/2016  
**Organising entity:** Neurocentre Magendie **Type of entity:** Public Research Body  
**City organizing entity:** Bordeaux, Aquitaine, France  
**With external admission assessment committee:** Yes  
Pastor-Alonso Oier; Encinas Juan M; Pineda José R.
- 44** **Title of the work:** EGFR inhibition reduces aberrant cell proliferation in hyperexcitatory kainate model of epilepsy  
**Name of the conference:** Basque Neuroscience Meetig "Neurogune"  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** Bilbao, Basque Country, Spain  
**Date of event:** 27/06/2016  
**End date:** 27/06/2016  
**Organising entity:** Achucarro Basque Center for Neuroscience  
**City organizing entity:** Bilbao, Basque Country, Spain  
**With external admission assessment committee:** Yes  
Pineda José R.
- 45** **Title of the work:** LPAR1-EGFP Expression Marks the Transition from Developmental to Adult Neural Stem Cells in the Hippocampus  
**Name of the conference:** Basque Neuroscience Meetig "Neurogune"  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**City of event:** Bilbao, Basque Country, Spain  
**Date of event:** 27/06/2016  
**End date:** 27/06/2016  
**Organising entity:** Achucarro Basque Center for Neuroscience  
**City organizing entity:** Bilbao, Basque Country, Spain  
**With external admission assessment committee:** Yes  
Pastor-Alonso Oier; Encinas Juan M; Pineda José R.
- 46** **Title of the work:** Single activation versus activation/quiescence cycling in adult hippocampal neural stem cells  
**Name of the conference:** Basque Neuroscience Meetig "Neurogune"  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** No  
**City of event:** Bilbao, Basque Country, Spain  
**Date of event:** 27/06/2016



**End date:** 27/06/2016

**Organising entity:** Achucarro Basque Center for Neuroscience

**City organizing entity:** Bilbao, Basque Country, Spain

**With external admission assessment committee:** Yes

June Corcuera-Tejada; Soraya Martin-Suarez -Sares; Roberto Varcарcel-Martin; Pineda José R.; Juan Manuel Encinas.

- 47** **Title of the work:** EGFR-based Inhibition of the Induction of Reactive NSCs after seizures  
**Name of the conference:** Symposium “Lessons from Development to Adult Neurogenesis”  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Representing  
**Corresponding author:** Yes  
**City of event:** Fayence, Provence-Alpes-Côte d'Azur, France  
**Date of event:** 07/05/2016  
**End date:** 10/05/2016  
**Organising entity:** GIGA Neurosciences  
**City organizing entity:** Liege, Belgium  
**With external admission assessment committee:** Yes  
Pineda Jose R.
- 48** **Title of the work:** EGFR inhibition reduces aberrant cell proliferation in hyperexcitatory kainite model of epilepsy  
**Name of the conference:** 50th Anniversary of Adult Neurogenesis: Olfaction, hippocampus and beyond.  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Upon invitation  
**Corresponding author:** Yes  
**City of event:** Almagro, Castile-La Mancha, Spain  
**Date of event:** 05/11/2015  
**End date:** 07/11/2015  
**Organising entity:** Red Olfativa Española (ROE) **Type of entity:** Associations and Groups  
**With external admission assessment committee:** Yes  
Soraya Martín Suárez; Juan Manuel Encinas Pérez; José R. Pineda Martí.
- 49** **Title of the work:** EGFR inhibition reduces aberrant cell proliferation in hyperexcitatory kainate model of epilepsy.  
**Name of the conference:** XVI Nacional Meeting from “Spanish Neuroscience Society” (SENC2015)  
**Corresponding author:** Yes  
**City of event:** Granada, Andalusia, Spain  
**Date of event:** 23/09/2015  
**End date:** 25/09/2015  
**Organising entity:** SOCIEDAD ESPAÑOLA DE NEUROCIENCIA  
Pineda José R.; Martín-Suárez Soraya; Encinas Juan Manuel.
- 50** **Title of the work:** LPAR1-EGFP Expression Marks the Transition from Developmental to Adult Neural Stem Cells in the Hippocampus.  
**Name of the conference:** XVI Nacional Meeting from “Spanish Neuroscience Society” (SENC2015)  
**City of event:** Granada, Andalusia, Spain  
**Date of event:** 23/09/2015  
**End date:** 25/09/2015



**Organising entity:** SOCIEDAD ESPAÑOLA DE NEUROCIENCIA  
Encinas Juan Manuel; Pineda José R.

- 51** **Title of the work:** Major role of Aurora B in the regulation of tunneling nanotubes (TNT) formed by Glioma Stem Cells  
**Name of the conference:** XVI Nacional Meeting from "Spanish Neuroscience Society" (SENC2015)  
**Corresponding author:** Yes  
**City of event:** granada, Andalusia, Spain  
**Date of event:** 23/09/2015  
**End date:** 25/09/2015  
**Organising entity:** SOCIEDAD ESPAÑOLA DE NEUROCIENCIA  
Pineda José R.; Jeitany Maya; Kortulewski Thierry; Gauthier Laurent R.; Junier Marie-Pierre; Chneiweiss Hervé; Andrieux Annie; Boussin François D.
- 52** **Title of the work:** Comparison of intranasal and intraperitoneal routes of administration for delivery drugs to the adult neurogenic niches.  
**Name of the conference:** Adult neurogenesis: evolution, regulation and function.  
**Corresponding author:** Yes  
**City of event:** Dresden, Dresden, Germany  
**Date of event:** 06/05/2015  
**End date:** 08/05/2015  
**Organising entity:** Abcam **Type of entity:** Business  
Soraya Martín-Suárez; Juan M Encinas; Jose R. Pineda.
- 53** **Title of the work:** ALTERNATIVE LENGTHENING OF TELOMERES IN HUMAN GLIOMA STEM CELLS.  
**Name of the conference:** 50TH ANNUAL MEETING ARGENTINE SOCIETY FOR BIOCHEMISTRY AND MOLECULAR BIOLOGY (SAIB)  
**Corresponding author:** No  
**City of event:** Rosario, Argentina  
**Date of event:** 2014  
**End date:** 2014  
FD Boussin; H Chneiweiss; MP Junier; JM Studler; P Mailliet; F Hoffschir; JR Pineda; M Jeitany; DC Silvestre. "BIOCELL Volumen: 38 Suplemento: 2 Páginas: 67-68".
- 54** **Title of the work:** Effects of tritiated thymidine on neural stem/progenitor cells  
**Name of the conference:** 10th International Conference on Tritium Science and Technology  
**City of event:** Nice, Provence-Alpes-Côte d'Azur, France  
**Date of event:** 21/10/2013  
**End date:** 25/10/2013  
**Organising entity:** Institut For Magnetic Fusion Research - CEA Centre de Cadarache  
Christine Granotier; Inès Souissi; Sophie Potin; Philippe Guetat; Laurent R. Gauthier; José R. Pineda; François D. Boussin.
- 55** **Title of the work:** "Blockade of TGF-beta stimulates stem cells proliferation and regeneration of neurogenesis in irradiated adult mice".  
**Name of the conference:** 40th Annual Meeting of the European Radiation Research Society.  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Review before acceptance  
**City of event:** Dublin, Ireland  
**Date of event:** 01/09/2013  
**End date:** 05/09/2013





**Organising entity:** European Radiation Research Society.

**With external admission assessment committee:** Yes

Jose R. Pineda; Mathieu Daynac; Alexandra; Arantxa Cebrian; Karine Sii Felice; Jose Manuel Garcia-Verdugo; François D. Boussin and Marc-André Mouthon.

- 56** **Title of the work:** NEW DESIGN OF HUMAN T-ALL TRANSPLANTATION IN NSG MICE UNCOVERS THE MAJOR ROLE OF CD31/PECAM1 IN THE CENTRAL NERVOUS SYSTEM INFILTRATION  
**Name of the conference:** 55TH ANNUAL MEETING OF THE AMERICAN-SOCIETY-OF-HEMATOLOGY.  
**City of event:** New-Orleans, United States of America  
**Date of event:** 2013  
**End date:** 2013

**Organising entity:** AMERICAN-SOCIETY-OF-HEMATOLOGY.

F Pflumio; F Boussin; L Aifantis; J Landman-Parker; P Ballerini; A Baruchel; T Leblanc; C Deswarte; JR Pineda; AL Bauchet; S Poglio. "BLOOD Volumen: 122 Número: 21".

- 57** **Title of the work:** "Vascular-derived TGF-beta increases in stem cell neurogenic niches after irradiation and during aging perturbing neurogenesis in adult mouse."  
**Name of the conference:** 8th FENS Forum Neuroscience.  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**Geographical area:** European Union  
**Reasons for participation:** Review before acceptance

**City of event:** Barcelona, Catalonia, Spain

**Date of event:** 14/07/2012

**End date:** 18/07/2012

**Organising entity:** Federation European of Neuroscience

**With external admission assessment committee:** Yes

Pineda J.; Daynac M.; Chicheportiche A.; Cebrián-Silla A.; SiiFelice K.; Garcia-Verdugo J.M.; Boussin F.D. Mouthon M.-A.

- 58** **Title of the work:** "Vascular-derived TGF-beta increases in stem cell neurogenic niches after irradiation and during aging perturbing neurogenesis in adult mouse."  
**Name of the conference:** IRCM/UMR967/CEA Conference:  
**Type of event:** Seminar  
**Type of participation:** Participatory - oral communication  
**City of event:** Fontenay-aux-Roses, Île de France, France  
**Date of event:** 22/02/2012  
**End date:** 22/02/2012

**Geographical area:** Unity meeting

**Organising entity:** Unité Medicale de Recherche 967 **Type of entity:** Public Research Body

**City organizing entity:** Fontenay-aux-Roses, Île de France, France

José R. Pineda; Mathieu Daynac; Alexandra; Arantxa Cebrian; Karine Sii Felice; Jose Manuel Garcia-Verdugo; François D. Boussin and Marc-André Mouthon.

- 59** **Title of the work:** "Adult neural stem cells resist to high dose radiation but their niche does not sustain neurogenesis".  
**Name of the conference:** 10ème Colloque de la Société des Neurosciences.  
**City of event:** Marseille, Provence-Alpes-Côte d'Azur, France  
**Date of event:** 24/05/2011  
**End date:** 27/05/2011  
**Organising entity:** Société des Neurosciences  
Marc-André Mouthon; José R. Pineda; Mathieu Daynac; Alexandra Chicheportiche; Karine Sii- Felice; François D. Boussin.



- 60** **Title of the work:** "Adult neural stem cells engraft efficiently within neural progenitor-deficient mice recapitulating the neurovascular niche".  
**Name of the conference:** ENP Neural Stem Cell Meeting.  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** 'Participatory - poster **Reasons for participation:** Review before acceptance  
**City of event:** Abbaye des Vaux de Cernay, Île de France, France  
**Date of event:** 17/06/2010  
**End date:** 19/06/2010  
**Organising entity:** École des Neurosciences Paris (ENP) **Type of entity:** Foundation  
**City organizing entity:** Paris, Île de France, France  
José R. Pineda; Virginie Firlej; Alexandra Chicheportiche; Mathieu Daynac; François D. Boussin and Marc-André Mouthon.
- 61** **Title of the work:** "Huntingtin phosphorylation restores BDNF transport and is protective in mouse and fly models of huntington's disease."  
**Name of the conference:** 13ème Congrès du Club Exocytose-Endocytose.  
**City of event:** Gérardmer, Lorraine, France  
**Date of event:** 03/06/2010  
**End date:** 05/06/2010  
**Organising entity:** Institut de Recherche de l'Ecole de Biotechnologie de Strasbourg  
**City organizing entity:** Strasbourg, Alsace, France  
Diana Zala; Emilie Colin; Géraldine Liot; Hélène Rangone; Raul Pardo; José Ramon Pineda Marti; Sandrine Humbert; Frederic Saudou.
- 62** **Title of the work:** "Ikaros-1 Is Involved in the Neurogenesis of Enkephalinergic Neurons Through the Induction of Cell Cycle Arrest of Striatal Precursors".  
**Name of the conference:** 5 th Biennial Congress of the Spanish-Society-of-Gene-Cell-Therapy.  
**Type of participation:** 'Participatory - poster  
**City of event:** Granada, Andalusia, Spain  
**Date of event:** 30/09/2009  
**End date:** 03/10/2009  
**Organising entity:** Spanish Society for Gene Cell Therapy **Type of entity:** non-profit organisation  
**City organizing entity:** Catalonia, Spain  
Martin-Ibanez R; Crespo E; Urban N; Sergent-Tanguy S; Herranz C; Pineda JR; Alberch J; Canals JM.
- 63** **Title of the work:** "Calcineurin inhibition through FK506 restores traffic alteration of BDNF vesicles in Huntington's disease".  
**Name of the conference:** 12th Young Researcher & Life Sciences Meeting.  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** 'Participatory - poster **Reasons for participation:** Review before acceptance  
**City of event:** Paris, Île de France, France  
**Date of event:** 27/04/2009  
**End date:** 29/04/2009  
**Organising entity:** Institut Curie **Type of entity:** Private non-profit foundation  
**City organizing entity:** Paris, Île de France, France  
**With external admission assessment committee:** Yes  
J.R. Pineda; R. Pardo; D. Zala; H. Yu; S. Humbert; F. Saudou.



- 64** **Title of the work:** "Huntingtin associates with centrosomes and regulates primary cilia assembly."  
**Name of the conference:** American Society for Cell Biology 48th annual meeting.  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** 'Participatory - poster **Reasons for participation:** Review before acceptance  
**City of event:** San Francisco, CA, United States of America  
**Date of event:** 13/12/2008  
**End date:** 17/12/2008  
**Organising entity:** American Society for Cell Biology  
**City organizing entity:** Bethesda, United States of America  
**With external admission assessment committee:** Yes  
Keryer G.; Pineda JR.; Pardo R.; Merdes A.; Humbert S.; Saudou F.
- 65** **Title of the work:** "Seguiment de cèl·lules mare secretores de GDNF trasplantades en un model excitotòxic de la malaltia de Huntington, mitjançant tècniques de neuroimatge."  
**Name of the conference:** V Neurobiology Simposium.  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** 'Participatory - poster **Reasons for participation:** Review before acceptance  
**City of event:** Barcelona, Catalonia, Spain  
**Date of event:** 14/12/2005  
**End date:** 15/12/2005  
**Organising entity:** Societat Catalana de Biologia **Type of entity:** Foundation  
**City organizing entity:** Barcelona, Catalonia, Spain  
**With external admission assessment committee:** Yes  
J. R. Pineda; N. Rubio; N. Urban; P. Åkerud; L. Badimon; E. Arenas; J. Alberch; J. Blanco i J.M. Canals.
- 66** **Title of the work:** "Long-term in vivo detection of gdnf- secreting stem cells by non-invasive digital neuroimage in neuroprotective studies for Huntington's disease".  
**Name of the conference:** Society for Neuroscience 35rd Annual Meeting.  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** 'Participatory - poster **Reasons for participation:** Review before acceptance  
**City of event:** Washington, DC, United States of America  
**Date of event:** 12/11/2005  
**End date:** 16/11/2005  
**Organising entity:** Society for Neuroscience **Type of entity:** Associations and Groups  
**City organizing entity:** United States of America  
**With external admission assessment committee:** Yes  
J. Alberch; J. R. Pineda; N. Rubio; P. Åkerud; N. Urban; L. Badimon; E. Arenas; J. Blanco; J.M. Canals.
- 67** **Title of the work:** "Detección y seguimiento a largo plazo de células madre secretoras de GDNF por técnicas de neuroimagen óptica en el modelo excitotóxico de la enfermedad de Huntington".  
**Name of the conference:** XI Nacional Meeting from "Spanish Neuroscience Society" (SENC).  
**Type of event:** Conference **Geographical area:** National  
**Type of participation:** 'Participatory - poster **Reasons for participation:** Review before acceptance  
**City of event:** Torremolinos-Málaga, Andalusia, Spain  
**Date of event:** 15/09/2005  
**End date:** 18/09/2005  
**Organising entity:** SOCIEDAD ESPAÑOLA DE NEUROCIENCIA  
**City organizing entity:** Madrid, Community of Madrid, Spain



**With external admission assessment committee:** Yes

N. Urbán Avellaneda; J. R. Pineda; N. Rubio; P. Akerud; L. Badimon; E. Arenas; J. Alberch; J. Blanco; J.M. Canals.

**68 Title of the work:** “El BDNF modula el sistema dopaminérgico nigroestriatal en ratones transgénicos para la enfermedad de Huntington”.

**Name of the conference:** XI Nacional Meeting from “Spanish Neuroscience Society” (SENC2005).

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Review before acceptance

**City of event:** Torremolinos - Málaga, Andalusia, Spain

**Date of event:** 15/09/2005

**End date:** 18/09/2005

**Organising entity:** SOCIEDAD ESPAÑOLA DE NEUROCIENCIA

**City organizing entity:** Madrid, Community of Madrid, Spain

**With external admission assessment committee:** Yes

José R. Pineda; Josep M. Canals; Miquel Bosch; Albert Adell; Guadalupe Mengod; Francesc Artigas; Patrik Ernfors; Jordi Alberch.

**69 Title of the work:** “BDNF modulates the neurodegenerative proces and behavioural abnormalities in huntington-s disease.”

**Name of the conference:** Euro-conferences series 3rd meeting. Molecular aspects of aging and development, toxicology and neuroimmune communication.

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** 'Participatory - poster

**City of event:** Barcelone, Catalonia, Spain

**Date of event:** 13/04/2005

**End date:** 13/04/2005

**Organising entity:** Institut d'Estudis Catalans

**Type of entity:** Academic, scientific and cultural corporation

**City organizing entity:** Barcelona, Catalonia, Spain

**With external admission assessment committee:** Yes

Jordi Alberch; Jose R. Pineda; Jesus F. Torrez-Peraza; Miquel Bosch; Raquel Martin-Ibanez; M. Teresa Munoz; Guadalupe Mengod; Albert Adell; Francesc Artigas; Josep M. Canals.

**70 Title of the work:** “Differentiation of striatal gabaergic neurons from neural stem cells.”

**Name of the conference:** Euro-conferences series 3rd meeting. Molecular aspects of aging and development, toxicology and neuroimmune communication.

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** 'Participatory - poster

**Reasons for participation:** Review before acceptance

**City of event:** Barcelone, Catalonia, Spain

**Date of event:** 13/04/2005

**End date:** 13/04/2005

**Organising entity:** Institut d'Estudis Catalans

**Type of entity:** Academic, scientific and cultural corporation

**City organizing entity:** Barcelona, Catalonia, Spain

**With external admission assessment committee:** Yes

J.M. Canals; M. Bosch; J.R. Pineda; R. Martin-Ibanez; N. Urban; J. Alberch.



- 71** **Title of the work:** “BDNF Regulated Motor Deficits and Neurodegeneration in a mouse model of Huntington’s disease”.
- Name of the conference:** Society for Neuroscience 33rd Annual Meeting.
- Type of event:** Conference **Geographical area:** Non EU International
- Type of participation:** 'Participatory - poster **Reasons for participation:** Review before acceptance
- City of event:** New Orleans, Louisiana (EEUU), United States of America
- Date of event:** 08/11/2003
- End date:** 12/11/2003
- Organising entity:** Society for Neuroscience
- City organizing entity:** United States of America
- With external admission assessment committee:** Yes
- Jose M. Canals; Jose R. Pineda; Jesus Torres; Maite Muñoz; Miquel Bosch; Guadalupe Mengod; Patrick Erfors; Jordi Alberch.
- 72** **Title of the work:** “La neurotrofina BDNF participa en la regulación de la funcionalidad de la vía dopaminérgica en la enfermedad de Huntington.”.
- Name of the conference:** X Nacional Meeting from “Spanish Neuroscience Society” (SENC2005).
- Type of event:** Conference **Geographical area:** National
- Type of participation:** 'Participatory - poster **Reasons for participation:** Review before acceptance
- City of event:** Lérida, Catalonia, Spain
- Date of event:** 06/09/2003
- End date:** 09/09/2003
- Organising entity:** SOCIEDAD ESPAÑOLA DE NEUROCIENCIA
- City organizing entity:** Madrid, Community of Madrid, Spain
- With external admission assessment committee:** Yes
- Jose R. Pineda; Jose M. Canals; Maria Teresa Muñoz; Miquel Bosch; Guadalupe Mengod; Jordi Alberch.
- 73** **Title of the work:** “Differentiation of neural precursors towards gabaergic phenotype: transplantation in a huntington’s disease model”.
- Name of the conference:** Dixième N.A.T. Stem cells and Transplantation / Cellules souches et Transplantat.
- Type of event:** Conference **Geographical area:** European Union
- Type of participation:** 'Participatory - poster **Reasons for participation:** Review before acceptance
- City of event:** Nantes, Pays de la Loire, France
- Date of event:** 19/06/2003
- End date:** 20/06/2003
- With external admission assessment committee:** Yes
- Miquel Bosch; Jose R. Pineda; Elena Cattaneo; Jordi Alberch; Jose M. Canals.
- 74** **Title of the work:** “El BDNF regula el procés neurodegeneratiu i els dèficits motors en el model de ratolins transgènics per a la malaltia de Huntington”.
- Name of the conference:** II Simposi de Recerca en Neurociències INSERM-Catalunya.
- Type of event:** Conference **Geographical area:** National
- Type of participation:** 'Participatory - poster **Reasons for participation:** Review before acceptance
- City of event:** Barcelona, Catalonia, Spain
- Date of event:** 16/06/2003
- End date:** 17/06/2003
- Organising entity:** INSERM **Type of entity:** Public Research Body





**City organizing entity:** Paris, Île de France, France

**With external admission assessment committee:** Yes

Jose R. Pineda; Jose M. Canals; Jesus Torres; Maite Muñoz; Miquel Bosch; Guadalupe Mengod; Patrick Ernfors; Jordi Alberch.

**75 Title of the work:** “La neurotrofina BDNF endògena té un paper essencial en la patogènesi de la malaltia de Huntington en animals transgènics”.

**Name of the conference:** IV Neurobiology Simposium.

**Type of event:** Conference

**Geographical area:** National

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Review before acceptance

**City of event:** Barcelona, Catalonia, Spain

**Date of event:** 11/12/2002

**End date:** 12/12/2002

**Organising entity:** Societat Catalana de Biologia **Type of entity:** Foundation

**City organizing entity:** Catalonia, Spain

J. R. Pineda; J.M. Canals; M.T. Muñoz; M. Bosch; i J. Alberch.

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

**1 Title of the work:** Is it possible to enhance cell therapy using materiobiology? Biomaterials as substrate of stem cell cultures

**Name of the event:** Annual Workshop 2023: Exploring the Future of Science and Innovation: Emerging Trends and Challenges in Molecular Biology and their Implications for Society

**Corresponding author:** Yes

**City of event:** Rome, Lazio, Italy

**Date of event:** 06/10/2023

**End date:** 06/10/2023

**Organising entity:** Tor Vergata University of Rome **Type of entity:** University

**City organizing entity:** Rome, Lazio, Italy

José Ramón Pineda.

**2 Title of the work:** Hippocampal neural Stem Cells: Friend or Foe? Aberrant dysregulation

**Name of the event:** Achucarro International Glia School

**Type of event:** Course

**Corresponding author:** Yes

**Geographical area:** International

**City of event:** Leioa, Basque Country, Spain

**Date of event:** 27/06/2018

**End date:** 29/06/2018

**Organising entity:** Achucarro Basque Center for Neuroscience Fundazioa **Type of entity:** Foundation

**With external admission assessment committee:** Yes

José R. Pineda.

**3 Title of the work:** Major role of Aurora B in the regulation of tunneling nanotubes (TNT) formed by glioma stem cells

**Name of the event:** Achucarro Basque Center for Neuroscience Seminar

**Type of event:** Seminar

**Corresponding author:** Yes

**Geographical area:** National





**City of event:** Zamudio, Basque Country, Spain

**Date of event:** 11/12/2015

**Organising entity:** Achucarro Basque Center for Neuroscience Fundazioa

**Type of entity:** Foundation

**City organizing entity:** Zamudio, Basque Country, Spain  
Pineda Jose R.

**4 Title of the work:** "Involvement of neurotrophic factors in the pathophysiology and protection in Huntington's disease. Therapeutic potential of grafts of genetically modified stem cells in murine models."

**Name of the event:** Conferences of "Colegio de España" - Cité Universitaire Internationale de Paris

**Type of event:** Conference

**City of event:** Paris, Île de France, France

**Date of event:** 16/06/2008

**End date:** 16/06/2008

**Organising entity:** Residents Comitee of "Colegio de España"

**Type of entity:** Agency under the Ministry of Education, Culture and Sports of the Spanish Government

**City organizing entity:** Paris, Île de France, France

**With external admission assessment committee:** No

Jose Ramon Pineda. "Involvement of neurotrophic factors in the pathophysiology and protection in Huntington's disease. Therapeutic potential of grafts of genetically modified stem cells in murine models.". 16/06/2008,

## Other dissemination activities

**1 Title of the work:** Repurposing ponatinib for ALT-specific minority types of recurrent tumors

**Name of the event:** Mapping ignorance

**Corresponding author:** Yes

**Date of event:** 05/06/2023

**Organising entity:** Mapping Ignorance (Euskampus / Ikerbasque / UPV/EHU / Diputación foral de Bizkaia

Jose Ramon Pineda. Available on-line at: <<https://mappingignorance.org/2023/06/05/repurposing-ponatinib-for-alt-specific-minority-types-of-recurrent-tumors/>>.

**2 Title of the work:** Mechanism of brain cell migration unravelled

**Name of the event:** Mapping ignorance

**Corresponding author:** Yes

**Date of event:** 23/01/2023

**Organising entity:** Mapping Ignorance (Euskampus / Ikerbasque / UPV/EHU / Diputación foral de Bizkaia

Jose Ramon Pineda. Available on-line at: <<https://mappingignorance.org/2022/03/28/selenium-supplement-to-reverse-neurogenic-decline-in-humans/>>.

**3 Title of the work:** Cancer cell clusters to foster metastatic spread

**Name of the event:** Mapping ignorance

**Corresponding author:** Yes

**Date of event:** 19/12/2022

**Organising entity:** Mapping Ignorance (Euskampus / Ikerbasque / UPV/EHU / Diputación foral de Bizkaia

Jose Ramon Pineda. Available on-line at: <<https://mappingignorance.org/2022/03/28/selenium-supplement-to-reverse-neurogenic-decline-in-humans/>>.



- 4 Title of the work:** Selenium supplement to reverse neurogenic decline in humans?  
**Name of the event:** Mapping ignorance  
**Corresponding author:** Yes  
**Date of event:** 28/03/2022  
**Organising entity:** Mapping Ignorance (Euskampus / Ikerbasque / UPV/EHU / Diputación foral de Bizkaia Jose Ramon Pineda. Available on-line at: <<https://mappingignorance.org/2022/03/28/selenium-supplement-to-reverse-neurogenic-decline-in-humans/>>.
- 5 Title of the work:** When the inhibition of the inhibitory signals results in an exacerbated response. The case of IL-13 and the COVID-19 severity.  
**Name of the event:** Mapping ignorance  
**Corresponding author:** Yes  
**Date of event:** 08/09/2021  
**Organising entity:** Mapping Ignorance (Euskampus / Ikerbasque / UPV/EHU / Diputación foral de Bizkaia Jose Ramon Pineda. Available on-line at: <<https://mappingignorance.org/2021/09/08/when-the-inhibition-of-the-inhibitory-signals-results-in-an-exacerbated-response-the-case-of-il-13-and-the-covid-19-severity/>>.
- 6 Title of the work:** Dr. Jekyll and Mr. Hyde: what changes in a stem cell to become malignant?  
**Name of the event:** Mapping ignorance  
**Corresponding author:** Yes  
**Date of event:** 12/04/2021  
**Organising entity:** Mapping Ignorance (Euskampus / Ikerbasque / UPV/EHU / Diputación foral de Bizkaia Jose Ramon Pineda. Available on-line at: <<https://mappingignorance.org/2021/04/12/dr-jekyll-and-mr-hyde-what-changes-in-a-stem-cell-to-become-malignant/>>.
- 7 Title of the work:** Is the intranasal route a “backdoor” used by SARS-CoV-2 to reach the brain fortress?  
**Name of the event:** Mapping ignorance  
**Corresponding author:** Yes  
**Date of event:** 25/01/2021  
**Organising entity:** Mapping Ignorance (Euskampus / Ikerbasque / UPV/EHU / Diputación foral de Bizkaia Jose Ramon Pineda. Available on-line at: <<https://mappingignorance.org/2021/01/25/is-the-intranasal-route-a-backdoor-used-by-sars-cov-2-to-reach-the-brain-fortress/>>.
- 8 Title of the work:** shinyCurves, a shiny web application to analyse multisource qPCR amplification data: a COVID 19 case study  
**Type of event:** Preprint server  
**Date of event:** 16/10/2020  
**Organising entity:** Universidad del País Vasco      **Type of entity:** University  
S Olaechea-Lázaro; I García-Santisteban; JR Pineda; I Badiola; S Alonso; JR Bilbao.
- 9 Title of the work:** Could regulators of the immune system have a role in schizophrenia?  
**Name of the event:** Mapping ignorance  
**Corresponding author:** Yes  
**Date of event:** 25/05/2020  
**Organising entity:** Mapping Ignorance (Euskampus / Ikerbasque / UPV/EHU / Diputación foral de Bizkaia Jose Ramon Pineda.
- 10 Title of the work:** Neural precursors accelerate the development of tumors.  
**Name of the event:** Mapping ignorance  
**Type of event:** Blog to translate cutting edge scientific research into an educated lay-person language.  
**Geographical area:** European Union



**Reasons for participation:** Review before acceptance

**Corresponding author:** Yes

**City of event:** Leioa, Basque Country, Spain

**Date of event:** 04/12/2019

**Organising entity:** Mapping Ignorance (Euskampus / Ikerbasque / UPV/EHU / Diputación foral de Bizkaia)

**City organizing entity:** Leioa, Basque Country, Spain

**With external admission assessment committee:** Yes

**Type:** Popular science article

José R. Pineda. "Neural precursors accelerate the development of tumors.". En: Mapping Ignorance. 04/12/2019. Available on-line at:

<<https://mappingignorance.org/2019/12/04/neural-precursors-accelerate-the-development-of-tumors/>>.

**11 Title of the work:** Reposicionamiento de fármacos: ¿por qué no se nos ocurrió antes?

**Name of the event:** Pint of Science 2018

**Type of event:** Scientific divulging

**Corresponding author:** Yes

**City of event:** Bilbao, Basque Country, Spain

**Date of event:** 14/05/2018

**Organising entity:** Asociación de Divulgación Científica "Pint of Science España"

**Type of entity:** Associations and Groups

**City organizing entity:** Bilbao, Basque Country, Spain

José Ramón Pineda. "Reposicionamiento de fármacos: ¿por qué no se nos ocurrió antes?".

## R&D management and participation in scientific committees

### Scientific, technical and/or assessment committees

**1 Committee title:** Expert Evaluator of international certification body EQA (European Quality Assurance Spain)

**Primary (UNESCO code):** 240701 - Cell culture; 240705 - Tissue culture; 249001 - Neurophysiology; 249002 - Neurochemistry

**Secondary (UNESCO code):** 320713 - Oncology

**Affiliation entity:** EQA (Certifying Entity accredited nº28/C-PR071 by the ENAC)

**City affiliation entity:** Madrid, Community of Madrid, Spain

**Start date:** 20/04/2023

**2 Committee title:** External expert evaluator of AEI (former ANEP)

**Affiliation entity:** University of the Basque Country **Type of entity:** University (UPV/EHU)

**Start date:** 01/01/2016

**3 Committee title:** External expert evaluator of the European Commission (nºEX2022D607176)

**Affiliation entity:** University of the Basque Country **Type of entity:** University (UPV/EHU)



## Organization of R&D activities

- 1 **Title of the activity:** 2nd Achucarro International Glial School  
**Type of activity:** School / Workshop  
**Convening entity:** Achucarro Basque Center for Neuroscience Fundazioa  
**City convening entity:** Leioa, Basque Country, Spain  
**Start-End date:** 18/05/2021 - 27/05/2021
  
- 2 **Title of the activity:** 1st Achucarro International Glial School  
**Type of activity:** School / Workshop  
**Convening entity:** Achucarro Basque Center for Neuroscience Fundazioa  
**City convening entity:** Leioa, Basque Country, Spain  
**Start-End date:** 27/06/2018 - 29/05/2018  
**Type of entity:** Foundation
  
- 3 **Title of the activity:** NeuroGUNE 2016  
**Type of activity:** International Congress  
**Geographical area:** Euskadi and Aquitaine (Spain & France)  
**City of event:** Bilbao, Basque Country, Spain  
**Convening entity:** Gobierno Vasco / Achucarro Basque Center for Neuroscience  
**City convening entity:** Bilbao, Basque Country, Spain  
**Type of participation:** Organiser  
**Nº assistants:** 90  
**Start-End date:** 27/06/2016 - 27/06/2016  
**Duration:** 1 day

## Evaluation and revision of R&D projects and articles

- 1 **Name of the activity:** Review  
**Performed tasks:** Reviewer of "Cellular Reprogramming" journal  
**Entity where activity was carried out:** Mary Ann Liebert Inc. Publishers  
**City of entity:** New Rochelle, NY, United States of America  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** Non EU International  
**Start date:** 07/09/2021
  
- 2 **Name of the activity:** Review  
**Performed tasks:** Reviewer of "Pharmaceutics" journal  
**Entity where activity was carried out:** MDPI  
**City of entity:** Basel, Switzerland  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** Non EU International  
**Start date:** 14/07/2021
  
- 3 **Name of the activity:** Review  
**Performed tasks:** Reviewer of "Toxins" journal  
**Entity where activity was carried out:** MDPI  
**City of entity:** Basel, Switzerland  
**Type of activity:** Review of articles in scientific or technological journals



**Geographical area:** Non EU International  
**Start date:** 06/07/2021

**4 Name of the activity:** Review

**Performed tasks:** Reviewer of "Stem Cells Reviews and Reports" journal  
**Entity where activity was carried out:** Springer      **Type of entity:** Editorial  
**City of entity:** Luxembourg, Luxembourg  
**Type of activity:** Review of articles in scientific or technological journals  
**Start date:** 29/04/2021

**5 Name of the activity:** Review

**Performed tasks:** Reviewer of "Nanomedicine" journal  
**Entity where activity was carried out:** Future Science Group  
**City of entity:** London, United Kingdom  
**Type of activity:** Review of articles in scientific or technological journals  
**Start date:** 12/04/2021

**6 Name of the activity:** Review

**Performed tasks:** Reviewer of "Methods and Protocols" journal  
**Entity where activity was carried out:** MDPI  
**City of entity:** Basel, Switzerland  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** Non EU International  
**Start date:** 12/11/2020

**7 Name of the activity:** Review

**Performed tasks:** Reviewer of "Cells" journal  
**Entity where activity was carried out:** MDPI  
**City of entity:** Basel, Switzerland  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** Non EU International  
**Start date:** 29/07/2020

**8 Name of the activity:** Review

**Performed tasks:** Reviewer of "International Journal of Molecular Sciences" journal  
**Entity where activity was carried out:** MDPI  
**City of entity:** Basel, Switzerland  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** Non EU International  
**Start date:** 10/07/2020

**9 Name of the activity:** Review

**Performed tasks:** Reviewer of "Brain Sciences" journal  
**Entity where activity was carried out:** MDPI  
**City of entity:** Basel, Switzerland  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** Non EU International  
**Start date:** 18/03/2020



- 10 Name of the activity:** Reviewer  
**Performed tasks:** Reviewer of "Acta Neurobiol Exp (Wars)" journal  
**Entity where activity was carried out:** Editorial Office Nencki Institute of Experimental Biology  
**City of entity:** Warsaw, Poland  
**Start date:** 24/10/2019
- 11 Name of the activity:** Review Editor  
**Performed tasks:** Review Editor of "Frontiers in Neuroscience" journal  
**Entity where activity was carried out:** Frontiers Media S.A.  
**City of entity:** Lausanne, Switzerland  
**Type of activity:** Review of articles in scientific or technological journals  
**Access system:** With express recognition of the credits concerned  
**Start date:** 08/03/2019
- 12 Name of the activity:** Review  
**Performed tasks:** Reviewer of "Journal of Cellular Physiology" journal  
**Entity where activity was carried out:** Philadelphia, Wistar Institute of Anatomy and Biology  
**City of entity:** New York, United States of America  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** Non EU International  
**Start date:** 25/10/2018
- 13 Name of the activity:** Review  
**Performed tasks:** Reviewer of "Rejuvenation Research" journal  
**Entity where activity was carried out:** Mary Ann Liebert Inc. Publishers  
**City of entity:** New Rochelle, NY, United States of America  
**Type of activity:** Review of articles in scientific or technological journals  
**Geographical area:** Non EU International  
**Start date:** 24/03/2017
- 14 Name of the activity:** Reviewer  
**Performed tasks:** Reviewer of "Neuroscience" journal  
**Entity where activity was carried out:** Oxford, Elmsford, N. Y., Pergamon Press  
**City of entity:** Oxford, United Kingdom  
**Start date:** 12/10/2016
- 15 Name of the activity:** Reviewer  
**Performed tasks:** Reviewer of "The Anatomical Record" journal  
**Entity where activity was carried out:** American Association for Anatomy - Wiley Online Library  
**City of entity:** Salt Lake City, Utah, United States of America  
**Start date:** 12/01/2016
- 16 Name of the activity:** External reviewer  
**Performed tasks:** Reviewer of "Ayudas para la realización de proyectos de investigación científica y transferencia de tecnología, cofinanciados por FEDER (Id.363128)" 2018  
**Entity where activity was carried out:** State research agency - AEI (Former ANEP)      **Type of entity:** State agency





- 17 Name of the activity:** External reviewer  
**Performed tasks:** Reviewer of "Fundación AECC (Cáncer infantil y cáncer poco frecuente)" 2017  
**Entity where activity was carried out:** State research agency - AEI (Former ANEP)      **Type of entity:** State agency
- 18 Name of the activity:** External reviewer  
**Performed tasks:** Reviewer of "Fundación AECC (Grupos Estables Coordinados traslacionales AECC)" 2017  
**Entity where activity was carried out:** State research agency - AEI (Former ANEP)      **Type of entity:** State agency
- 19 Name of the activity:** External reviewer  
**Performed tasks:** Reviewer of "Fundaluce (Fundación lucha contra la ceguera)" 2018  
**Entity where activity was carried out:** State research agency - AEI (Former ANEP)      **Type of entity:** State agency
- 20 Name of the activity:** External reviewer  
**Performed tasks:** Reviewer of "MINECO Plan Estatal Retos i+d B" 2016  
**Entity where activity was carried out:** State research agency - AEI (Former ANEP)      **Type of entity:** State agency
- 21 Name of the activity:** External reviewer  
**Performed tasks:** Reviewer of "MINECO Plan Estatal Retos i+d B" 2017  
**Entity where activity was carried out:** State research agency - AEI (Former ANEP)
- 22 Name of the activity:** External reviewer  
**Performed tasks:** Reviewer of "MINECO Plan Estatal Retos-Colaboración i+d B" 2017  
**Entity where activity was carried out:** State research agency - AEI (Former ANEP)      **Type of entity:** State agency
- 23 Name of the activity:** External reviewer  
**Performed tasks:** Reviewer of "Proyectos Fondo de Investigación Sanitaria (FIS)" 2017  
**Entity where activity was carried out:** State research agency - AEI (Former ANEP)      **Type of entity:** State agency
- 24 Name of the activity:** External reviewer  
**Performed tasks:** Reviewer of "WoP. Funding Call 18"  
**Entity where activity was carried out:** State research agency - AEI (Former ANEP)      **Type of entity:** State agency

## Other achievements

### Stays in public or private R&D centres

- 1** **Entity:** French Alternative Energies and Atomic Energy Commission (Commissariat à l'énergie atomique et aux énergies alternatives)  
**City of entity:** Fontenay-aux-Roses, Île de France, France  
**Start-End date:** 01/03/2016 - 31/03/2016 **Duration:** 1 month  
**Goals of the stay:** Scientific collaboration  
**Provable tasks:** Collaboration
- 2** **Entity:** Institut Curie **Type of entity:** Private non-profit foundation  
**Faculty, institute or centre:** UMR146  
**City of entity:** Orsay, Île de France, France  
**Primary (UNESCO code):** 249000 - Neurosciences  
**Secondary (UNESCO code):** 240700 - Cell biology  
**Tertiary (UNESCO code):** 240701 - Cell culture; 249000 - Neurosciences  
**Start-End date:** 15/01/2007 - 31/10/2009 **Duration:** 2 years - 10 months  
**Funding entity:** "Fundación Española para la Ciencia y la Tecnología" and "Institut Curie" **Type of entity:** Foundation and Private non-profit foundation  
**City funding entity:** Orsay, Île de France, France  
**Goals of the stay:** Post-doctoral  
**Provable tasks:** Research  
**Relevant results:** 2 first-author papers ("Molecular Brain" and "The journal of clinical investigation" (cover of the journal November 2011))  
**Identify key words:** Molecular mechanism of disease
- 3** **Entity:** French Alternative Energies and Atomic Energy Commission (Commissariat à l'énergie atomique et aux énergies alternatives) **Type of entity:** R&D Centre  
**Faculty, institute or centre:** DSV/IRCM/LRP  
**City of entity:** Fontenay-aux-Roses, Île de France, France  
**Primary (UNESCO code):** 249000 - Neurosciences  
**Secondary (UNESCO code):** 240700 - Cell biology  
**Tertiary (UNESCO code):** 240701 - Cell culture; 241800 - Radiobiology; 249002 - Neurochemistry; 320112 - Radiotherapy  
**Start date:** 03/11/2009 **Duration:** 3 years - 3 months  
**Funding entity:** Dim-Stem-Pôle, Inca Tetratips, Fondation de France **Type of entity:** Public Research Body  
**City funding entity:** Fontenay-aux-Roses, Île de France, France  
**Goals of the stay:** Post-doctoral  
**Provable tasks:** Research  
**Relevant results:** STUDY OF THE EFFECTS OF HIGH DOSES OF RADIATION ON NEURAL STEM CELLS AND THEIR MICROENVIRONMENT. CHARACTERIZATION OF A NEW TYPE OF BRAIN CANCER STEM CELLS TELOMERASE NEGATIVE (GLIOMA ALT). STUDY OF AURORA B INHIBITION ON THE INVASIVE POTENTIAL OF GLIOMA CELLS.  
**Identify key words:** Molecular mechanism of disease



## Obtained grants and scholarships

- 1** **Name of the grant:** Ramón y Cajal  
**City awarding entity:** Zamudio, Basque Country, Spain  
**Aims:** Consolidation of scientific career  
**Awarding entity:** Ministerio de Economía y Competitividad **Type of entity:** State agency  
**Amount of the grant:** 168,6 €  
**Conferral date:** 07/01/2015 **Duration:** 5 years  
**End date:** 06/01/2020  
**Entity where activity was carried out:** Achucarro Basque Center for Neuroscience
- 2** **Name of the grant:** SENC Travel grant  
**Aims:** Post-doctoral  
**Awarding entity:** SOCIEDAD ESPAÑOLA DE NEUROCIENCIA  
**Conferral date:** 23/09/2015 **Duration:** 2 days  
**End date:** 25/09/2015
- 3** **Name of the grant:** Appel d'offre allocation postdoctorale  
**City awarding entity:** Fontenay-aux-Roses, Île de France, France  
**Identify key words:** Molecular mechanism of disease  
**Aims:** Post-doctoral  
**Awarding entity:** Fondation de France **Type of entity:** Foundation  
**Amount of the grant:** 55.000 €  
**Conferral date:** 01/01/2014 **Duration:** 1 year  
**End date:** 31/12/2014  
**Entity where activity was carried out:** Frenach Alternative Energy and Atomic Energy Commissariat
- 4** **Name of the grant:** Postdocotal grant  
**City awarding entity:** Orsay, Île de France, France  
**Identify key words:** Molecular mechanism of disease  
**Aims:** Post-doctoral  
**Awarding entity:** Fundación Española para la Ciencia y la Tecnología **Type of entity:** Foundation  
**Conferral date:** 2007 **Duration:** 2 years  
**End date:** 2009  
**Entity where activity was carried out:** Institut Curie
- 5** **Name of the grant:** PhD. grant "Universitary Teacher Formation" (FPU) from Ministry of Education and Science.  
**City awarding entity:** Barcelona, Catalonia, Spain  
**Identify key words:** Molecular mechanism of disease  
**Aims:** Pre-doctoral  
**Awarding entity:** Ministry of Education and Science. **Type of entity:** State agency  
**Conferral date:** 2002 **Duration:** 5 years  
**End date:** 2006  
**Entity where activity was carried out:** Universitat de Barcelona  
**Faculty, institute or centre:** Facultad de Medicina

## Scientific societies and professional associations

- 1** **Name of the society:** SOCIEDAD ESPAÑOLA DE NEUROCIENCIA  
**Affiliation entity:** SOCIEDAD ESPAÑOLA DE NEUROCIENCIA  
**City affiliation entity:** Madrid, Community of Madrid, Spain  
**Start-End date:** 2012 - 2012
- 2** **Name of the society:** Spanish Society for Laboratory Animal Sciences (SECAL)  
**Affiliation entity:** Universidad del País Vasco **Type of entity:** University  
**City affiliation entity:** Leioa, Basque Country, Spain  
**Start date:** 2022
- 3** **Name of the society:** Spanish Society of Histology and Tissue Engineering (SEHIT)  
**Affiliation entity:** Universidad del País Vasco **Type of entity:** University  
**City affiliation entity:** Leioa, Basque Country, Spain  
**Start date:** 2022
- 4** **Name of the society:** SOCIÉTÉ DES NEUROSCIENCES  
**Affiliation entity:** SOCIÉTÉ DES NEUROSCIENCES  
**City affiliation entity:** Paris, Île de France, France  
**Start date:** 2012
- 5** **Name of the society:** AMERICAN SOCIETY FOR CELL BIOLOGY  
**Affiliation entity:** AMERICAN SOCIETY FOR CELL BIOLOGY  
**City affiliation entity:** Bethesda, United States of America  
**Start date:** 2008
- 6** **Name of the society:** Member of the European Huntington's Disease Network  
**Affiliation entity:** European Huntington's disease **Type of entity:** Associations and Groups Network  
**City affiliation entity:** Ulm, Germany  
**Start date:** 2007

## Editorial councils

- 1** **Name of the editorial council:** Editorial Board Member of "Frontiers in Neuroscience" journal, section Neurogenesis  
**Affiliation entity:** Frontiers Media S.A.  
**City affiliation entity:** LausanneLausanne, Switzerland  
**Tasks carried out:** Associated Editor  
**Geographical area:** Worldwide  
**Start date:** 31/08/2023
- 2** **Name of the editorial council:** Editorial Board Member of "Biology" journal  
**Affiliation entity:** MDPI **Type of entity:** Editorial  
**City affiliation entity:** BaselBasel, Switzerland  
**Start date:** 02/03/2020



- 3 Name of the editorial council:** Editorial Board Member of "Frontiers in Oncology" journal, section Neuro-Oncology and Neurosurgical Oncology  
**Affiliation entity:** Frontiers Media S.A.  
**City affiliation entity:** LausanneLausanne, Switzerland  
**Tasks carried out:** Associated Editor  
**Geographical area:** Worldwide  
**Start date:** 05/11/2019

### Prizes, mentions and distinctions

- 1 Description:** FENS Grant and Voucher Programme grant for participating in the FENS 2020 Virtual Forum  
**Awarding entity:** Federation of European Neuroscience Societies  
**Conferral date:** 23/06/2020
- 2 Description:** ASCB spanish ambassador  
**Awarding entity:** American Society of Cell Biology  
**City awarding entity:** Bethesda, United States of America  
**Conferral date:** 18/07/2017
- 3 Description:** Finalista Premio Talento Joven CV  
**Awarding entity:** Bankia-Levante EMV **Type of entity:** Business  
**City awarding entity:** Valencia, Valencian Community, Spain  
**Conferral date:** 10/12/2013  
**Recognition linked:** Page 64, Levante-EMV newspaper published 1/12/2013
- 4 Description:** Premio extraordinario de Doctorado  
**Awarding entity:** Universitat de Barcelona **Type of entity:** University  
**City awarding entity:** Barcelona, Catalonia, Spain  
**Conferral date:** 31/07/2008

### Periods of research activity

- Nº of recognized periods:** 3  
**Certifying entity:** Unibasq - ANECA **Type of entity:** State agency  
**City certifying entity:** Vitoria-Gasteiz, Basque Country, Spain  
**Date of recognition:** 09/07/2021

### Obtained accreditations/recognitions

- 1 Description:** 1st Ikertramo (Unibasq) from 2002 to 2007  
**Accrediting entity:** Quality Agency of the Basque University System (Unibasq) **Type of entity:** Public Entities of Private Law.  
**City accrediting entity:** Vitoria, Basque Country, Spain  
**Date of recognition:** 15/01/2021
- 2 Description:** 2nd Ikertramo (Unibasq) from 2008 to 2013  
**Accrediting entity:** Quality Agency of the Basque University System (Unibasq) **Type of entity:** Public Entities of Private Law.



**City accrediting entity:** Vitoria, Basque Country, Spain

**Date of recognition:** 15/01/2021

**3 Description:** 3rd Ikertramo (Unibasq) from 2014 to 2019

**Accrediting entity:** Quality Agency of the Basque University System (Unibasq)      **Type of entity:** Public Entities of Private Law.

**City accrediting entity:** Vitoria, Basque Country, Spain

**Date of recognition:** 15/01/2021

**4 Description:** i3 Accreditation (Incentivization Program for the Incorporation and Intensification of the Research Activity)

**Accrediting entity:** Division of Coordination and Monitoring of the State Research Agency.      **Type of entity:** State agency

**Date of recognition:** 27/06/2019

**5 Description:** Personal Doctor Investigador

**Accrediting entity:** Unibasq

**City accrediting entity:** Vitoria-Gasteiz, Basque Country, Spain

**Date of recognition:** 09/05/2017

**6 Description:** Profesorado adjunto

**Accrediting entity:** Unibasq

**City accrediting entity:** Vitoria-Gasteiz, Basque Country, Spain

**Date of recognition:** 09/05/2017

**7 Description:** Profesorado agregado

**Accrediting entity:** Unibasq

**City accrediting entity:** Vitoria-Gasteiz, Basque Country, Spain

**Date of recognition:** 09/05/2017

**8 Description:** Profesor contratado doctor (PCD:2015-4724)

**Accrediting entity:** National Agency for the Evaluation of Quality and Accreditation

**City accrediting entity:** Madrid, Community of Madrid, Spain

**Date of recognition:** 23/07/2015

**9 Description:** Profesor de Univ. Privada (PUP:2015-4725)

**Accrediting entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación      **Type of entity:** ANECA

**Date of recognition:** 14/06/2015

**10 Description:** Maître de Conférences Séction 65 corps MCF et MCM (n° 13265247597)

**Accrediting entity:** Ministère de l'enseignement supérieur et de la recherche

**City accrediting entity:** France

**Date of recognition:** 22/02/2013

**11 Description:** Maître de Conférences Séction 69 corps MCF et MCM (n° 13269247597)

**Accrediting entity:** Ministère de l'enseignement supérieur et de la recherche

**City accrediting entity:** France

**Date of recognition:** 22/02/2013





- 12** **Description:** Profesor ayudante doctor (PCD:2012-85)  
**Accrediting entity:** Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** ANECA  
**City accrediting entity:** Madrid, Community of Madrid, Spain  
**Date of recognition:** 2012

### Summary of other achievements

- 1** **Description of the achievement:** Special Issue in Frontiers in Oncology journal: Tumor Microenvironment in Primary Brain Cancers  
**Accrediting entity:** Frontiers Media S.A.  
**City accrediting entity:** Lausanne, Switzerland  
**Conferral date:** 24/01/2023
- 2** **Description of the achievement:** Special Issue in Bioengineering: Dental Pulp Stem Cells and Their Applications in Tissue Engineering, Regeneration and Clinical Therapy  
**Accrediting entity:** Multidisciplinary Digital Publishing Institute  
**City accrediting entity:** Basel, Switzerland  
**Conferral date:** 20/06/2021
- 3** **Description of the achievement:** Special Issue in Biology: "Stem and Cancer Stem Cells, Same Pathways for Different Malignancy"  
**Accrediting entity:** Multidisciplinary Digital Publishing Institute  
**City accrediting entity:** Basel, Switzerland  
**Conferral date:** 01/06/2021
- 4** **Description of the achievement:** Coordinador y responsable de diseño "Pint of Science Bilbao 2018"  
**City accrediting entity:** Bilbao, Basque Country, Spain  
**Conferral date:** 14/05/2018
- 5** **Description of the achievement:** Coordinador y responsable de diseño "Pint of Science Bilbao 2016"  
**City accrediting entity:** Bilbao, Basque Country, Spain  
**Conferral date:** 23/05/2016
- 6** **Description of the achievement:** Selected for audition 24/03: CNRS Competitive recruitment for research associates  
**Accrediting entity:** Centre Nationale de la Recherche Scientifique (CNRS) **Type of entity:** Public Research Body  
**City accrediting entity:** Meudon, Île de France, France  
**Conferral date:** 2013
- 7** **Description of the achievement:** Selected for audition CSS6: INSERM Competitive recruitment for research associates  
**Accrediting entity:** Institut de la Santé et de la Recherche Médicale (INSERM) **Type of entity:** Administrative Body of the National Health System  
**City accrediting entity:** Paris, Île de France, France  
**Conferral date:** 2013



**8** **Description of the achievement:** Selected for audition CSS1: INSERM Competitive recruitment for research associates

**Accrediting entity:** Institut de la Santé et de la Recherche Medicale (INSERM)

**Type of entity:** Administrative Body of the National Health System

**City accrediting entity:** Paris, Île de France, France

**Conferral date:** 2012