



Noelia Ruzafa Andrés

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Summary of CV

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

After completing my studies in the Bachelor of Biology and the Bachelor of Biochemistry, I focused my research on the neuroprotection of retinal ganglion cells (affected in neuropathies such as glaucoma), and their interaction with glial cell. I have focused on these studies during the Master in Molecular Biology and Biomedicine and during my Doctoral Thesis. I have continued in this work with a postdoctoral research fellowship supported by UPV/EHU (DOKBERRI 2018). Dr. Elena Vecino has supervised this research and the work has been carried out in the Department of Cell Biology and Histology of the Faculty of Medicine of the University of the Basque Country UPV / EHU, in Leioa.

During the course of my Doctoral Thesis, I have also made a 3-month stay at the SchepensEye Research Institute, at Harvard Medical School, in Boston (USA), supervised by Dr. Tatjana Jakobs, where I continued to investigate the ability of the glia as sensor of a damage to the retinal ganglion cells.

It is also worth mentioning the second prize of the Jesús Gangoiti Barrera Foundation for the work: "Effect of the Müller cells on the survival and neuritogenesis of the retinal ganglion cells" presented at the 90th Congress of the Spanish Society of Ophthalmology (2014).



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.

Total citations: 237

h-index: 4

Total number of publications: 11

Number of publications in Q1: 9

(www.scopus.com)

**Noelia Ruzafa Andrés**

Surname(s): **Ruzafa Andrés**
 Name: **Noelia**
 DNI: **45599495V**
 Date of birth: **10/10/1987**
 Gender: **Female**
 Nationality: **Spain**
 Country of birth: **Spain**
 Aut. region/reg. of birth: **Andalusia**
 Contact province: **Biscay**
 City of birth: **María, Almería**
 Contact address: **Pintor Losada 1, 3º B**
 Postcode: **48004**
 Contact country: **Spain**
 Contact aut. region/reg.: **Basque Country**
 Contact city: **Bilbao**
 Land line phone: **946018384**
 Email: **noeliaruzafaandres@gmail.com**
 Mobile phone: **679764429**

Current professional situation

Employing entity: Universidad del País Vasco **Type of entity:** University
Department: Departamento de Biología Celular e Histología, Facultad de Medicina y Odontología
Professional category: Researcher
Start date: 01/09/2019
Type of contract: Temporary employment contract

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad del País Vasco	Doctor reciente hasta su integración en programas de formación postdoctoral en la UPV/EHU [DOKBERRI 2018]	16/03/2018
2	Universidad del País Vasco	Researcher	07/03/2017
3	Universidad del País Vasco	Formación de Personal Investigador en la UPV/EHU	2013

1 **Employing entity:** Universidad del País Vasco **Type of entity:** University
Department: Departamento de Biología Celular e Histología, Facultad de Medicina y Odontología
Professional category: Doctor reciente hasta su integración en programas de formación postdoctoral en la UPV/EHU [DOKBERRI 2018] **Educational Management (Yes/No):** Yes
Start-End date: 16/03/2018 - 16/03/2019 **Duration:** 1 year
Type of contract: Temporary employment contract



Dedication regime: Full time

- 2** **Employing entity:** Universidad del País Vasco **Type of entity:** University
Professional category: Researcher
Start-End date: 07/03/2017 - 26/11/2017

- 3** **Employing entity:** Universidad del País Vasco **Type of entity:** University
Professional category: Formación de Personal Investigador en la UPV/EHU
Start-End date: 2013 - 2017



Education

University education

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

- 1** **University degree:** Higher degree
Name of qualification: Máster en Biología Molecular y Biomedicina
Degree awarding entity: Facultad de Ciencia y Tecnología (UPV/EHU) **Type of entity:** University
Date of qualification: 2013
- 2** **University degree:** Higher degree
Name of qualification: Licenciatura en Bioquímica
Degree awarding entity: Facultad de Ciencia y Tecnología (UPV/EHU) **Type of entity:** University
Date of qualification: 2012
- 3** **University degree:** Higher degree
Name of qualification: Licenciatura en Biología
Degree awarding entity: Facultad de Ciencias (Universidad de Granada) **Type of entity:** University
Date of qualification: 2010

Doctorates

Doctorate programme: Doctor en Biología Molecular y Biomedicina
Degree awarding entity: Universidad del País Vasco **Type of entity:** University (UPV/EHU)
Date of degree: 03/07/2017

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French	A1	B1	A2	A2	A2
English	B2	C1	B2	B2	B2
Spanish	C2	C2	C2	C2	C2



Teaching experience

General teaching experience

- 1 Name of the course:** Biología del desarrollo
Type of teaching: Practical work (classroom-problems)
University degree: Graduado o Graduada en Bioquímica y Biología Molecular
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 15
Entity: Universidad del País Vasco **Type of entity:** University
Department: Departamento de Biología Celular e Histología
Department: Departamento de Biología Celular e Histología
Start date: 2019 **End date:** 2020
- 2 Name of the course:** Biología del desarrollo
Type of teaching: Practical work (classroom-problems)
University degree: Graduado o Graduada en Bioquímica y Biología Molecular
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,2
Entity: Universidad del País Vasco **Type of entity:** University
Department: Departamento de Biología Celular e Histología
Department: Departamento de Biología Celular e Histología
Start date: 2018 **End date:** 2019
- 3 Name of the course:** Biología del desarrollo
Type of teaching: Practical work (classroom-problems)
University degree: Graduado o Graduada en Bioquímica y Biología Molecular
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 15
Entity: Universidad del País Vasco **Type of entity:** University
Department: Departamento de Biología Celular e Histología
Department: Departamento de Biología Celular e Histología
Start date: 2017 **End date:** 2018
- 4 Name of the course:** Biología del desarrollo
Type of teaching: Practical work (classroom-problems)
University degree: Graduado o Graduada en Bioquímica y Biología Molecular
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 15
Entity: Universidad del País Vasco **Type of entity:** University
Department: Departamento de Biología Celular e Histología
Department: Departamento de Biología Celular e Histología
Start date: 2016 **End date:** 2017
- 5 Name of the course:** Biología del desarrollo
Type of teaching: Practical work (classroom-problems)
University degree: Graduado o Graduada en Bioquímica y Biología Molecular



Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 15

Entity: Universidad del País Vasco

Type of entity: University

Department: Departamento de Biología Celular e Histología

Department: Departamento de Biología Celular e Histología

Start date: 2014

End date: 2015

6 Name of the course: Bases Bioquímicas, Celulares y Tisulares de la Fisioterapia

Type of teaching: Practical work (classroom-problems)

University degree: Graduado o Graduada en Fisioterapia

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 15

Entity: Universidad del País Vasco

Type of entity: University

Department: Departamento de Biología Celular e Histología

Department: Departamento de Biología Celular e Histología

Start date: 2013

End date: 2014

7 Name of the course: Biología del desarrollo

Type of teaching: Practical work (classroom-problems)

University degree: Graduado o Graduada en Bioquímica y Biología Molecular

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 10

Entity: Universidad del País Vasco

Type of entity: University

Department: Departamento de Biología Celular e Histología

Department: Departamento de Biología Celular e Histología

Start date: 2013

End date: 2014

Experience supervising doctoral thesis and/or final year projects

1 Project title: Mechanisms of Infection, Propagation, and Detection of Alpha-Synuclein in Parkinson's Disease in the Visual System

Type of project: Trabajo Final de Máster

Co-director of thesis: Elena Vecino

Entity: Universidad del País Vasco

Type of entity: University

Student: Lara Rodríguez

Date of reading: 2020

2 Project title: Análisis de la presencia de alfa-sinucleína fosforilada, como marcador de neurodegeneración, en la lágrima de pacientes con enfermedad de Parkinson.

Type of project: Trabajo Final de Máster

Co-director of thesis: Elena Vecino

Entity: Universidad del País Vasco

Type of entity: University

Student: Ane Zulueta

Date of reading: 2019



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:** Lipidómica de la lágrima en la patología del ojo seco: Potenciales biomarcadores diagnósticos.
City of entity: Bilbao, Basque Country, Spain
Name principal investigator (PI, Co-PI....): Elena Vecino
Funding entity or bodies:
MINECO-Retos (PID2019-111139RB-I00)
Start-End date: 2020 - 2023
Total amount: 142.780 €
- 2** **Name of the project:** Grupos de investigación de la Universidad del País Vasco
City of entity: Bilbao, Basque Country, Spain
Name principal investigator (PI, Co-PI....): Elena Vecino
Funding entity or bodies:
Universidad del País Vasco (UPV/EHU) (GIU 2018/50)
Start-End date: 2019 - 2020
Total amount: 57.217 €
- 3** **Name of the project:** Novel biomaterials in regenerative ophthalmic medicine.
City of entity: Bilbao, Basque Country, Spain
Name principal investigator (PI, Co-PI....): Elena Vecino
Funding entity or bodies:
ELKARTEK (KK-2019/00086)
Start-End date: 2019 - 2020
Total amount: 160.000 €
- 4** **Name of the project:** Análisis lipídico de la retina in vivo e in vitro (Lipid analysis of the retina in vivo and in vitro)
City of entity: Bilbao, Basque Country, Spain
Name principal investigator (PI, Co-PI....): Elena Vecino
Funding entity or bodies:
Gobierno Vasco, acciones Universidad-Empresa (PUE_2018_1_0004)
City funding entity: Bilbao, Basque Country, Spain
Start-End date: 2018 - 2020
Total amount: 31.789 €
- 5** **Name of the project:** Desarrollo de tratamientos personalizados para el glaucoma. Énfasis en poblaciones infantiles y de edad avanzada. GLAUKUS
Type of entity: Public Research Body
City of entity: Bilbao, Basque Country, Spain



Name principal investigator (PI, Co-PI....): Elena Vecino

Funding entity or bodies:

Retos-MINECO fondos FEDER (RTC2016-4823-1) **Type of entity:** Public Research Body

City funding entity: Madrid, Community of Madrid, Spain

Start-End date: 2016 - 2018

Total amount: 182.000 €

6 Name of the project: Desarrollo de Terapias Neuroprotectoras en enfermedades oculares

Type of entity: Gobierno Vasco

City of entity: Bilbao, Basque Country, Spain

Name principal investigator (PI, Co-PI....): Elena Vecino

Funding entity or bodies:

Grupos consolidados del Gobierno Vasco (IT437-10) **Type of entity:** Gobierno Vasco

City funding entity: Bilbao, Basque Country, Spain

Start-End date: 2010 - 2015

Total amount: 450.000 €

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

Name of the project: Neuroprotective effects of dexamethasone under hyperglucose conditions.

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): Elena Vecino

Start date: 2015

Duration: 1 year

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

1 Xandra Pereiro; Roberto Fernandez; Gabriel Barreda-Gomez; Noelia Ruzafa; Arantxa Acera; Javier Araiz; Egoitz Astigarraga; Jose Andres Fernandez; Elena Vecino. Comparative lipidomic analysis of mammalian retinal Müller glia and ganglion cells neurons in vivo and in vitro by High-Resolution Imaging Mass Spectrometry. Scientific Report. Submitted, 2020.

Type of production: Scientific paper

Format: Journal

Corresponding author: No

2 Xandra Pereiro; Noelia Ruzafa; Arantxa Acera; Haritz Urcola; Elena Vecino. Optimization of a Method to Isolate and Culture Adult Porcine, Rats and Mice Müller Glia in Order to Study Retinal Diseases. Frontiers in Cellular Neuroscience. 14:7, 2020.

Type of production: Scientific paper

Format: Journal

Corresponding author: No

3 Noelia Ruzafa; Xandra Pereiro; Alex Fonollosa; Javier Araiz; Arantxa Acera; Elena Vecino. Plasma Rich in Growth Factors (PRGF) promotes the proliferation of Retinal Müller glia in Culture but not the survival of Retinal Neurons. Frontiers in Pharmacology. Submitted, 2020.

Type of production: Scientific paper

Format: Journal

Corresponding author: No

- 4** Noelia Ruzafa; Xandra Pereiro; Alex Fonollosa; Javier Araiz; Arantxa Acera; Elena Vecino. The Effect of Plasma Rich in Growth Factors (PRGF) on Microglial Migration, Macroglial Gliosis and Proliferation, and Neuronal Survival. *Frontiers in Pharmacology*. Submitted, 2020.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 5** Arantxa Acera; Xandra Pereiro; Beatriz Abad-García; Yuri Rueda; Noelia Ruzafa; Carlos Santiago; Iratxe Barbolla; Juan A. Duran; Begoña Ochoa; Elena Vecino. A Simple and Reproducible Method for Quantification of Human Tear Lipids With Ultrahigh-Performance Liquid Chromatography-Mass Spectrometry. *Molecular vision*. 25, pp. 934 - 948. 2019.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 6** Noelia Ruzafa; Xandra Pereiro; Marlen F Lepper; Stefanie M Hauck; Elena Vecino. A Proteomics Approach to Identify Candidate Proteins Secreted by Müller Glia that Protect Ganglion Cells in the Retina. *Proteomics*. 10.1002/pmic.2017003, 2018.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 7** Xandra Pereiro; Noelia Ruzafa; Arantxa Acera; Alex Fonollosa; Elena Vecino. Dexamethasone Protects Retinal Ganglion Cells against Hiperglycemia in vitro. *PLoS One*. 26;13(11):e0207913, 2018.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 8** Noelia Ruzafa; Xandra Pereiro; Patricia Aspichueta; Javier Araiz; Elena Vecino. The Retina of Osteopontin deficient Mice in Aging. *Molecular Neurobiology*. 55 - 1, pp. 213 - 221. 2018.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 9** Noelia Ruzafa; Carmen Rey-Santano; Victoria Mielgo; Xandra Pereiro; Elena Vecino. Effect of Hypoxia on the Retina and Superior Colliculus of Neonatal Pigs. *PLoS One*. 12(4):e0175301 - 4, 2017.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 10** Noelia Ruzafa; Elena Vecino. Effect of Müller cells on the survival and neuritogenesis in retinal ganglion cells. *Archivos de la Sociedad Española de Oftalmología*. 90 - 11, pp. 522 - 526. 2015.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 11** Raquel Boia; Noelia Ruzafa; Inês Dinis Aires; Xandra Pereiro; Antonio Francisco Ambrosio; Elena Vecino; Ana Raquel Santiago. Neuroprotective Strategies for Retinal Ganglion Cell Degeneration: Current Status and Challenges Ahead. *Int J Mol Sci*. 21(7):2262, 2020.
Type of production: Review **Format:** Journal
Corresponding author: No
- 12** Elena Vecino; David F Rodriguez; Noelia Ruzafa; Xandra Pereiro; Sansar C Sharma. Glia-Neuron Interactions in the mammalian Retina. *Progress in Retinal and Eye Research*. 51, pp. 1 - 40. 2016.
Type of production: Review **Format:** Journal
Corresponding author: No



Works submitted to national or international conferences

- 1** **Title of the work:** The structural and ultrastructural anatomy of the whale eye, with special interest in the structures that control eye pressure.
Authors (by signature order): Elena Vecino; Ane Zulueta; Xandra Pereiro; Noelia Ruzafa
Type of participation: 'Participatory - poster
En: XX Congreso de la Sociedad Española de Histología e Ingeniería Tisular. Murcia, pp. 06/09/2019. Region of Murcia (Spain):
- 2** **Title of the work:** Analysis of the fin whale (*Balaenoptera physalus*) retina and in particular, their retinal ganglion cells.
Authors (by signature order): Noelia Ruzafa; Xandra Pereiro; Ane Zulueta; Elena Vecino
Type of participation: 'Participatory - poster
En: 18 National Meeting of the Spanish Society of Neuroscience. Santiago de Compostela, pp. 04/09/2019. Galicia (Spain):
- 3** **Title of the work:** The in vitro study of the fin whale (*Balaenoptera physalus*) retinal ganglion cells and Müller glia.
Authors (by signature order): Xandra Pereiro; Noelia Ruzafa; Ane Zulueta; Elena Vecino
Type of participation: 'Participatory - poster
En: 18 National Meeting of the Spanish Society of Neuroscience. Santiago de Compostela, pp. 04/09/2019. Galicia (Spain):
- 4** **Title of the work:** A comparison of two simple and effective procedures to prepare samples for the quantitative profiling of human tear lipids by ultra-high performance liquid chromatography-mass spectrometry (UHPLC-MS)
Authors (by signature order): Elena Vecino; Arantxa Acera; Xandra Pereiro; Beatriz Abad; Yuri Rueda; Noelia Ruzafa; Carlos Santiago; Iratxe Barbolla; Begoña Ochoa; Juan A. Duran
Type of participation: 'Participatory - poster
En: ARVO 2019 Annual Meeting. Vancouver, pp. 28/04/2019. (Canada):
- 5** **Title of the work:** The use of High-Resolution Imaging Mass Spectrometry to compare the lipids in mammalian retinal cells in vivo and in vitro.
Authors (by signature order): Javier Araiz; Xandra Pereiro; Noelia Ruzafa; Arantxa Acera; Roberto Fernandez; Jose A. Fernandez; Gabriel Barreda; Egoitz Astigarraga; Elena Vecino
Type of participation: 'Participatory - poster
En: ARVO 2019 Annual Meeting. Vancouver, pp. 28/04/2019. (Canada):
- 6** **Title of the work:** RNAi as a new treatment for glaucoma
Type of event: Conference
Authors (by signature order): Noelia Ruzafa
Type of participation: Participatory - oral communication
En: From Glaucoma to the Optic Nerve Regeneration. Bilbao, pp. 21/02/2019. Basque Country (Spain):
- 7** **Title of the work:** A Proteomics Approach to Identify Candidate Proteins Secreted by Müller Glia that Protect Ganglion Cells in the Retina.
Authors (by signature order): Noelia Ruzafa; Xandra Pereiro; Marlen F. Lepper; Stefanie M. Hauck; Elena Vecino
Type of participation: 'Participatory - poster



End date: 07/09/2018, Yes,

En: Neurogune 2018. Vitoria, pp. 07/09/2018. Basque Country (Spain):

8 Title of the work: Differential distribution of RBPMS in neonatal and adult pig retina

Authors (by signature order): Xandra Pereiro; Noelia Ruzafa; Haritz Urcola; Sansar C. Sharma; Elena Vecino

Type of participation: 'Participatory - poster

End date: 07/09/2018, No,

En: Neurogune 2018. Vitoria, pp. 07/09/2018. Basque Country (Spain):

9 Title of the work: Efecto de la dexametasona sobre la migración de la microglía en un modelo de inflamación retiniana inducido por PRGF

Authors (by signature order): Noelia Ruzafa; Xandra Pereiro; Arantza Acera; Alex Fonollosa; Elena Vecino

Type of participation: Participatory - oral communication

End date: 08/06/2018, Yes,

En: IV Congreso Sociedad Española de Inflamación Ocular (SEIOC). Madrid, pp. 08/06/2018. Community of Madrid (Spain):

10 Title of the work: Efecto de la dexametasona sobre las células ganglionares de la retina in vitro en condiciones de hiperglucemia

Authors (by signature order): Xandra Pereiro; Noelia Ruzafa; Arantza Acera; Alex Fonollosa; David Rodriguez; Elena Vecino

Type of participation: Participatory - oral communication

End date: 08/06/2018, No,

En: IV Congreso Sociedad Española de Inflamación Ocular (SEIOC). Madrid, pp. 08/06/2018. Community of Madrid (Spain):

11 Title of the work: Efecto neuroprotector del glucocorticoide dexametasona en cultivos primarios de retina bajo estrés metabólico.

Aut. region/ region organizing entity: Basque Country

Authors (by signature order): Xandra Pereiro; Noelia Ruzafa; Arantza Acera; Alejandro Fonollosa; David F. Rodriguez; Elena Vecino

Type of participation: Participatory - oral communication

Legal deposit: Spain

End date: No

Bilbao. En: XIII Congreso Sociedad Española de Glaucoma. Bilbao, pp. 03/2018. Basque Country (Spain):

12 Title of the work: Understanding disorders of the visual system and promoting repair and regeneration.

Aut. region/ region organizing entity: Basque Country

Authors (by signature order): Xandra Pereiro; Noelia Ruzafa; Arantza Acera; Haritz Urcola; Alejandro Fonollosa; Itziar Martinez; Jimena Baleriola; Juan Durán de la Colina; Javier Araiz; Elena Vecino

Type of participation: Participatory - oral communication

Legal deposit: Spain

End date: No

Bilbao. En: IV Jornadas de investigación de la facultad de Ciencia y Tecnología de la Universidad del País Vasco. Bilbao, pp. 03/2018. Basque Country (Spain):

- 13 Title of the work:** Analysis of the Retina of Osteopontin-Deficient Mice
Aut. region/ region organizing entity: Basque Country
Authors (by signature order): Noelia Ruzafa; Xandra Pereiro; Patricia Aspichueta; Beatriz Gomez-Santos; Elena Vecino
Type of participation: 'Participatory - poster
Legal deposit: Spain
End date: 21/09/2016, Yes,
Bilbao. En: 13 International Conference of Neuroprotective Agents. Bilbao, pp. 18/09/2016. Basque Country (Spain):
- 14 Title of the work:** Dexamethasone protects cultured RGCs against hyperglycemia.
Aut. region/ region organizing entity: Basque Country
Authors (by signature order): Xandra Pereiro; Noelia Ruzafa; Alejandro Fonllosa; Elena Vecino
Type of participation: 'Participatory - poster
Legal deposit: Spain
End date: 21/09/2016, No,
Bilbao. En: 13 International Conference of Neuroprotective Agents. Bilbao, pp. 18/09/2016. Basque Country (Spain):
- 15 Title of the work:** Analysis of the Retina of Osteopontin-Deficient Mice
Aut. region/ region organizing entity: Basque Country
Authors (by signature order): Noelia Ruzafa; Xandra Pereiro; Patricia Aspichueta; Beatriz Gomez-Santos; Elena Vecino
Type of participation: 'Participatory - poster
Legal deposit: Spain
End date: 27/06/2016, Yes,
Bilbao. En: Neurogune Basque Neuroscience Meeting. Bilbao, pp. 27/06/2016. Basque Country (Spain):
- 16 Title of the work:** Dexamethasone protects cultured RGCs against hyperglycemia.
Aut. region/ region organizing entity: Basque Country
Authors (by signature order): Xandra Pereiro; Noelia Ruzafa; Alejandro Fonllosa; Elena Vecino
Type of participation: 'Participatory - poster
Legal deposit: Spain
End date: 27/06/2016, No,
Bilbao. En: Neurogune Basque Neuroscience Meeting. Bilbao, pp. 27/06/2016. Basque Country (Spain):
- 17 Title of the work:** Understanding disorders of the visual system and promoting repair and regeneration.
Aut. region/ region organizing entity: Basque Country
Authors (by signature order): Noelia Ruzafa; Xandra Pereiro; Elena Vecino
Type of participation: Participatory - oral communication
Legal deposit: Spain
End date: 07/04/2016, Yes,
Bilbao. En: V Jornadas de Investigación de la Facultad de Ciencia y Tecnología.. Bilbao, pp. 06/04/2016. Basque Country (Spain):
- 18 Title of the work:** Retinal Müller glía Heterogeneity
Aut. region/ region organizing entity: Andalusia
Authors (by signature order): Xandra Pereiro; Noelia Ruzafa; Sansar C Sharma; Elena Vecino
Type of participation: 'Participatory - poster
Legal deposit: Spain
End date: 25/09/2015, No,



Granada. En: 16 Congreso Nacional de la Sociedad Española de Neurociencia. Granada, pp. 23/09/2015. Andalusia (Spain):

19 Title of the work: Müller Cell Heterogeneity In Vitro

Aut. region/ region organizing entity: Basque Country

Authors (by signature order): Noelia Ruzafa; Xandra Pereiro; Elena Vecino

Type of participation: 'Participatory - poster

Legal deposit: Spain

End date: 18/07/2015, Yes,

Bilbao. En: XII European Meeting on Glial Cell Function in Health and Disease.. Bilbao, pp. 15/07/2015. Basque Country (Spain):

20 Title of the work: Glia Activation in Primary Adult Retina Cell Cultures.

Authors (by signature order): Xandra Pereiro; Noelia Ruzafa; Yasmina Filali-Mouncef; Elena Vecino

Type of participation: 'Participatory - poster

Legal deposit: United Kingdom

End date: 01/04/2015, No,

Cambridge. En: Spring School: Inflammation: its role in Degeneration and Regeneration. John Van Geest Centre for Brain Repair.. Cambridge, pp. 30/03/2015. (United Kingdom):

21 Title of the work: Plasma Rich in Growth Factors (PRGF) Activates Glia in Adult Pig Retina Organotypic Cultures.

Authors (by signature order): Noelia Ruzafa; Xandra Pereiro; Yasmina Filali-Mouncef; Elena Vecino

Type of participation: 'Participatory - poster

Legal deposit: United Kingdom

End date: 01/04/2015, Yes,

Cambridge. En: Spring School: Inflammation: its role in Degeneration and Regeneration. John Van Geest Centre for Brain Repair.. Cambridge, pp. 30/03/2015. (United Kingdom):

22 Title of the work: Effect of Hypoxia in Neonatal Pig Retina and Superior Colliculus.

Aut. region/ region organizing entity: Valencian Community

Authors (by signature order): Noelia Ruzafa; Carmen Rey-Santano; Victoria Mielgo; David Rodriguez-Fernandez; Elena Vecino

Type of participation: Participatory - oral communication

Legal deposit: Spain

End date: 09/11/2014, Yes,

Valencia. En: IV Congreso Internacional Sircova.. Valencia, pp. 07/11/2014. Valencian Community (Spain):

23 Title of the work: Efecto de las células de Müller en la supervivencia y neuritogénesis de las células ganglionares de la retina.

Aut. region/ region organizing entity: Basque Country

Authors (by signature order): Noelia Ruzafa; Jennifer R Higginson; David Rodriguez-Fernandez; Elena Vecino

Type of participation: Participatory - oral communication

Legal deposit: Spain

End date: 04/10/2014, Yes,

Bilbao. En: 90º Congreso de la Sociedad Española de Oftalmología.. Bilbao, pp. 01/10/2014. Basque Country (Spain):



- 24** **Title of the work:** Effects of hypoxia on retinal ganglion cells and astrocytes in the neonatal pig retina.
Aut. region/ region organizing entity: Principality of Asturias
Authors (by signature order): Noelia Ruzafa; Jennifer R Higginson; Carmen Rey-Santano; Victoria Mielgo; David Rodriguez-Fernandez; Adolfo Valls-i-Soler; Elena Vecino
Type of participation: 'Participatory - poster
Legal deposit: Spain
End date: 27/09/2013, Yes,
Oviedo. En: 15° Congreso Nacional de la Sociedad Española de NeuroCiencia.. Oviedo, pp. 25/09/2013. Principality of Asturias (Spain):
- 25** **Title of the work:** Glial-Neuronal Interactions in Adult Retina Cell Cultures.
Aut. region/ region organizing entity: Principality of Asturias
Authors (by signature order): Jennifer R Higginson; Noelia Ruzafa; David Rodriguez-Fernandez; Elena Vecino
Type of participation: Participatory - oral communication
Legal deposit: Spain
End date: 27/09/2013, No,
Oviedo. En: 15° Congreso Nacional de la Sociedad Española de NeuroCiencia. Oviedo, pp. 25/09/2013. Principality of Asturias (Spain):
- 26** **Title of the work:** Effects of hypoxia on retinal ganglion cells and astrocytes in the neonatal pig retina.
Aut. region/ region organizing entity: Basque Country
Authors (by signature order): Noelia Ruzafa; Jennifer R Higginson; Carmen Rey-Santano; Victoria Mielgo; David Rodriguez-Fernandez; Adolfo Valls-i-Soler; Elena Vecino
Type of participation: 'Participatory - poster
Legal deposit: Spain
End date: 08/07/2013, Yes,
Bilbao. En: Neurogune Basque Neuroscience Meeting.. Bilbao, pp. 08/07/2013. Basque Country (Spain):
- 27** **Title of the work:** Glial-Neuronal Interactions in Adult Retina Cell Cultures.
Aut. region/ region organizing entity: Basque Country
Authors (by signature order): Jennifer R Higginson; Noelia Ruzafa; David Rodriguez-Fernandez; Elena Vecino
Type of participation: 'Participatory - poster
Legal deposit: Spain
End date: 08/07/2013, No,
Bilbao. En: Neurogune Basque Neuroscience Meeting. Bilbao, pp. 08/07/2013. Basque Country (Spain):
- 28** **Title of the work:** Neuroprotection of Retinal Ganglion Cells by Müller Glia and Astrocytes
Authors (by signature order): Jennifer R Higginson; Noelia Ruzafa; David Rodriguez-Fernandez; Elena Vecino
Type of participation: 'Participatory - poster
Legal deposit: Germany
End date: 06/07/2013, No,
Berlin. En: XI European Meeting on Glial Cell Function in Health and Disease. Berlin, pp. 03/07/2013. (Germany):



Other achievements

Stays in public or private R&D centres

Entity: Schepens Eye Research Institute
(Massachusetts Eye and Ear)

Type of entity: University

Faculty, institute or centre: Harvard Medical School

City of entity: Boston, United States of America

Goals of the stay: Guest

Start-End date: 15/09/2015 - 15/12/2015

Duration: 3 months

Obtained grants and scholarships

- 1 Name of the grant:** Convocatoria de contratación de doctores recientes hasta su integración en programas de formación postdoctoral en la UPV/EHU [DOKBERRI 2018-I]

Aims: Post-doctoral

Awarding entity: UPV/EHU

Conferral date: 15/03/2018

Duration: 1 year

End date: 15/03/2019

Entity where activity was carried out: Universidad del País Vasco

- 2 Name of the grant:** Formación de Personal Investigador en la UPV/EHU

Aims: Pre-doctoral

Awarding entity: UPV/EHU

Conferral date: 2013

Duration: 4 years

End date: 2017

Entity where activity was carried out: Universidad del País Vasco