



CURRÍCULUM VÍTAE NORMALIZADO



Raquel Lama López

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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.

Currently, I am carrying out my second post-doctorate with a competitive Juan de la Cierva contract, in the BioFarma research group of the University of Santiago de Compostela (USC). I have 6 years of experience working with zebrafish. The lines of the BioFarma group in which this model will be introduced, together with 3D cellular cultures, will be a line of development of in vitro phenotypic models for the search for drugs against the cognitive deficit associated with schizophrenia, and a line of development of new assays to identify molecules that act on the immune system, within the framework of a collaboration with the Cancer Innova program of the Kaertor Foundation.

My first post-doctorate, lasting two years, was carried out in the Virology and Molecular Immunology research group, at the INRAE of Jouy-en-Josas (France), realized with a Grant for Requalification of the Spanish University System - Margarita Salas Modality. During this period, I have collaborated in the standardized development of a viral infection model in zebrafish larvae, combining the use of the first reverse genetics system for the Spring Viraemia Carp Virus (SVCV) and imaging techniques, opening perspectives for the discovery of antiviral drugs and/or immunomodulators through in vivo high content screening while ensuring 3R compliance on animal experimentation.

I completed my PhD in the Advances in Microbial and Parasitic Biology Program at the University of Santiago de Compostela (USC) and I have 10 years of full-time experience in research areas, associated with different microbiology, immunology, and genomic laboratories. I have extensive experience in diverse fields of research thanks to my internships in different laboratories: in the microbiology area of the Ourense Hospital Complex where I learned to handle diagnostic techniques for human pathogens; at the Gwangju Institute of Science and Technology (GIST, Republic of Korea) I had the opportunity to be introduced in the use of molecular techniques and the handling of live animals (operation and obtaining samples of rodent knees); at the International Iberian Nanotechnology Laboratory (INL, Portugal) I had the opportunity to learn microscopy techniques and analyze samples of human arteries; at the Biotechnology Center of the University of Concepción (Chile) I completed my doctoral international internship to obtain the international mention on my PhD, and I was able to learn bioinformatics techniques and enter the world of genomics and transcriptomics. Furthermore, these international internships have given me the ability to integrate into different work groups and adapt to different organizational ways in short periods.

My academic research career began in the USC Microbiology and Parasitology laboratory, where I acquired knowledge of bacteriology and antimicrobial techniques. In the Immunology and Genomics group of the Marine Research Institute of the CSIC I carried out my Doctoral Thesis, which at first was focused on the field of parasitology, and then gave way to the field of virology, in which I worked with different important viruses in the area of aquaculture. In this laboratory, I had the opportunity to gain experience in carrying out a large number of techniques both in vitro and in vivo.

I have expertise in virology in the area of aquaculture and I have several collaborations in the area of drug discovery. I have led various publications of relevance in my field of research, with 12 articles in which I have collaborated with different laboratories, having



an international exposure of the data. It is also worth highlighting the participation in technological development and knowledge transfer activities (participation in a contract with a private company).



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 publications: 12, of which 5 as first author
- Total publications in the first quartile Q1: 9
- Citations: 209
- h-index: 7
- i10-index: 7
- Date and origin of the data: 19/02/2025 Google Scholar



Raquel Lama López

Surname(s): **Lama López**
Name: **Raquel**
ORCID: **0000-0003-4976-926X**
ScopusID: **57203410132**
ResearcherID: **AAT-6519-2021**
Contact aut. region/reg.: **Galicia**

Current professional situation

Employing entity: Universidad de Santiago de Compostela **Type of entity:** University
Department: BioFarma, Centro Singular de Investigación en Medicina Molecular y Enfermedades Crónicas (CIMUS)
Professional category: Investigadora postdoctoral, Ayuda Juan de la Cierva
City employing entity: Santiago de Compostela, Galicia, Spain
Phone: (+34) 881815491
Start date: 01/01/2024
Dedication regime: Full time
Identify key words: Molecular mechanism of disease

Previous positions and activities

	Employing entity	Professional category	Start date
1	Institut National de Recherche pour l'Agriculture, l'Alimentation et l'Environnement (INRAE)	Investigadora postdoctoral – Ayuda para la Recualificación del Sistema Universitario Español - Modalidad Margarita Salas	01/01/2022
2	Instituto de Investigaciones Marinas	Titulada superior de actividades técnicas y profesionales	23/02/2021
3	Instituto de Investigaciones Marinas	Investigadora predoctoral – Ayuda predoctoral de la Xunta de Galicia	31/07/2017
4	Instituto de Investigaciones Marinas	Titulada superior de actividades técnicas y profesionales	03/04/2017

1 Employing entity: Institut National de Recherche pour l'Agriculture, l'Alimentation et l'Environnement (INRAE)

Type of entity: Public Research Body

City employing entity: Jouy-en-Josas, Île de France, France

Professional category: Investigadora postdoctoral – Ayuda para la Recualificación del Sistema Universitario Español - Modalidad Margarita Salas

Start-End date: 01/01/2022 - 31/12/2023

Duration: 2 years



2 Employing entity: Instituto de Investigaciones Marinas **Type of entity:** State agency

Department: Biotecnología y Acuicultura, Instituto de Investigaciones Marinas

City employing entity: Vigo, Galicia, Spain

Professional category: Titulada superior de actividades técnicas y profesionales

Start-End date: 23/02/2021 - 30/11/2021

Duration: 9 months - 11 days

Type of contract: Temporary employment contract

Dedication regime: Full time

Primary (UNESCO code): 240111 - Animal pathology

Secondary (UNESCO code): 310903 - Immunology

Tertiary (UNESCO code): 320904 - Naturally occurring drugs

Performed tasks: - Estudio de la respuesta antiviral frente a nodavirus de peces. - Estudios de actividad antiinflamatoria en modelo de pez cebra. - Procesamiento de muestras y estudios de biología molecular y expresión génica.

3 Employing entity: Instituto de Investigaciones Marinas **Type of entity:** State agency

City employing entity: Vigo, Galicia, Spain

Professional category: Investigadora predoctoral – Ayuda predoctoral de la Xunta de Galicia

Start-End date: 31/07/2017 - 30/01/2021

Duration: 3 years - 6 months - 4 days

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

Dedication regime: Full time

Primary (UNESCO code): 242005 - Neurotropic viruses

Secondary (UNESCO code): 242091 - Virology animal

Tertiary (UNESCO code): 241210 - Vaccines

4 Employing entity: Instituto de Investigaciones Marinas **Type of entity:** State agency

City employing entity: Vigo, Galicia, Spain

Professional category: Titulada superior de actividades técnicas y profesionales

Start-End date: 03/04/2017 - 30/07/2017

Duration: 3 months - 29 days

Type of contract: Temporary employment contract

Dedication regime: Full time

Primary (UNESCO code): 241400 - Microbiology

Secondary (UNESCO code): 240111 - Animal pathology

Tertiary (UNESCO code): 240112 - Parasitology animal



Education

University education

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

1 University degree: Higher degree

Name of qualification: Máster Universitario en Biotecnología

Degree awarding entity: Universidad de Santiago de Compostela **Type of entity:** University

Date of qualification: 27/10/2015

2 University degree: Higher degree

Name of qualification: Licenciado en Biología Especialidad Biología Celular y Molecular

Degree awarding entity: Universidad de Santiago de Compostela **Type of entity:** University

Date of qualification: 28/06/2013

Doctorates

Doctorate programme: Programa de Doctorado en Avances en Biología Microbiana y Parasitaria

Degree awarding entity: Universidad de Santiago de Compostela **Type of entity:** University

Date of degree: 30/04/2021

Thesis title: Search for new strategies for controlling viral diseases in aquaculture

Thesis director: Beatriz Novoa García

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

Training title: Animal experimentation course (Functions B-Animal euthanasia and C-Performance of procedures).

Awarding entity: Animalaria Formación y Gestión, S.L.

End date: 16/05/2017

Duration in hours: 81 hours

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

1 Title of course/seminar: Curso:Retos en VIH: Buscando soluciones a los nuevos desafíos - Parte I

Organising entity: Instituto de Investigación Sanitaria Galicia Sur, Fundación Biomédica Galicia Sur **Type of entity:** Foundation

Faculty, institute or centre: Instituto de Investigación Sanitaria Galicia Sur

Duration in hours: 4 hours

Start-End date: 29/01/2025 - 29/01/2025



2 Title of course/seminar: Curso de formación en protección radiológica para persoal investigador usuario de instalacións radioactivas da USC

Organising entity: Universidad de Santiago de Compostela

Type of entity: University

Faculty, institute or centre: Facultad de Farmacia

Duration in hours: 15 hours

Start-End date: 10/12/2024 - 17/12/2024

3 Title of course/seminar: Formación en experimentación animal: reducción no uso de animais de experimentación mediante a reutilización racional de mostras mediante a plataforma aRukon

Organising entity: Universidad de Santiago de Compostela

Type of entity: University

Faculty, institute or centre: Facultad de Biología

Duration in hours: 2 hours

Start-End date: 21/05/2024 - 21/05/2024

4 Title of course/seminar: Confocal Microscopy workshop

Organising entity: Centre National de la Recherche Scientifique (CNRS)

Faculty, institute or centre: Cnrs, Délégation Ile-De-France Sud Gif-Sur-Yvette

Duration in hours: 40 hours

Start-End date: 09/10/2023 - 13/10/2023

5 Title of course/seminar: Formación ejecutiva para persoal investigador posdoutoral

Organising entity: XUNTA DE GALICIA

Faculty, institute or centre: Axencia Galega de Innovación da Xunta de Galicia e a Fundación Barrié

Duration in hours: 54 hours

Start-End date: 07/06/2022 - 07/07/2022

6 Title of course/seminar: Modelos murinos de no transgénicos para enfermedades neurodegenerativas

Organising entity: Consejo Superior de Investigaciones **Type of entity:** State agency Científicas

Faculty, institute or centre: Instituto de Investigaciones Biomédicas Alberto Sols (IIBM), CSIC-UAM

Duration in hours: 2 hours

Start-End date: 09/06/2022 - 09/06/2022

7 Title of course/seminar: Pez cebra: cómo modelizar enfermedades humanas

Organising entity: Consejo Superior de Investigaciones **Type of entity:** State agency Científicas

Faculty, institute or centre: Instituto de Investigaciones Biomédicas Alberto Sols (IIBM), CSIC-UAM

Duration in hours: 2 hours

Start-End date: 19/05/2022 - 19/05/2022

8 Title of course/seminar: ntroductiontoHTS:Applicationsingenomicsandtranscriptomics

Organising entity: University of Porto

Faculty, institute or centre: Interdisciplinary Centre of Marine and Environmental Research (CIIMAR)

Duration in hours: 14 hours

Start-End date: 07/07/2021 - 16/07/2021

9 Title of course/seminar: Bioactivities:Cellular Effects of Marine Natural Products

Organising entity: University of Porto

Faculty, institute or centre: Interdisciplinary Centre of Marine and Environmental Research (CIIMAR)



Duration in hours: 3 hours

Start-End date: 14/06/2021 - 20/06/2021

10 Title of course/seminar: Marine Natural Products: Discovery and Structure Elucidation

Organising entity: University of Porto

Faculty, institute or centre: Interdisciplinary Centre of Marine and Environmental Research (CIIMAR)

Duration in hours: 3 hours

Start-End date: 07/06/2021 - 13/06/2021

11 Title of course/seminar: Genomic Applications in Biotechnology (Natural Products)

Organising entity: University of Porto

Faculty, institute or centre: Interdisciplinary Centre of Marine and Environmental Research (CIIMAR)

Duration in hours: 4 hours

Start-End date: 30/05/2021 - 30/05/2021

12 Title of course/seminar: Prevención y control del riesgo biológico en los centros del CSIC

Organising entity: Consejo Superior de Investigaciones **Type of entity:** State agency

Científicas

Duration in hours: 3 hours

Start-End date: 26/10/2020 - 26/10/2020

13 Title of course/seminar: Del océano al laboratorio: Recursos genéticos marinos y su aplicación en la producción de nuevas moléculas bioactivas.

Organising entity: Centro Tecnológico del Mar (CETMAR)

Duration in hours: 5 hours

Start-End date: 09/11/2018 - 09/11/2018

14 Title of course/seminar: Curso de Genómica de Organismos Acuáticos

Organising entity: Universidad de Concepción **Type of entity:** University

Faculty, institute or centre: Facultad de Ciencias Naturales y Oceanográficas

Duration in hours: 135 hours

Start-End date: 01/04/2018 - 02/07/2018

15 Title of course/seminar: Curso de Formación sobre os Xestores de Referencias Bibliográficas Refworks e Zotero

Organising entity: Universidad de Santiago de Compostela **Type of entity:** University

Faculty, institute or centre: Facultad de Biología

Duration in hours: 2 hours

Start-End date: 22/04/2016 - 22/04/2016

16 Title of course/seminar: Curso de Genómica y Bioinformática

Organising entity: RED INMUNOGENOM - Inmunogenómica de Enfermedades de Peces y Moluscos **Type of entity:** University

Faculty, institute or centre: Facultad de Veterinaria del Campus Universitario de Lugo, Universidad de Santiago de Compostela

Duration in hours: 13 hours

Start-End date: 30/06/2015 - 01/07/2015



17 Title of course/seminar: Taller de Patología de Peces Planos

Organising entity: RED INMUNOGENOM -
Inmunogenómica de Enfermedades de Peces y
Moluscos

Type of entity: Public Research Body

Faculty, institute or centre: Instituto Gallego de Formación en Acuicultura (IGaFA)

Duration in hours: 25 hours

Start-End date: 09/06/2015 - 11/06/2015

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Korean	A1	A1	A1	A1	A1
French	C1	C1	B2	B2	B2
English	C1	C1	C1	B2	C1
Gallegan	C2	C2	C2	C2	C2
Spanish	C2	C2	C2	C2	C2

Teaching experience

General teaching experience

1 Type of teaching: Official teaching

Name of the course: Farmacología

Type of programme: Bachelor's degree

University degree: Grado en Enfermería

Start date: 09/09/2024

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 21,5

Entity: Universidad de Santiago de Compostela

Faculty, institute or centre: Facultad de Enfermería

City of entity: Santiago de Compostela, Galicia, Spain

Type of teaching: Practical work (classroom-problems)

End date: 15/12/2024

Type of entity: University

2 Type of teaching: Official teaching

Name of the course: Farmacología I

University degree: Grado en Farmacia

Start date: 09/09/2024

End date: 15/12/2024

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 50

Entity: Universidad de Santiago de Compostela

City of entity: Santiago de Compostela, Galicia, Spain

Type of entity: University

3 Type of teaching: Official teaching

Name of the course: Farmacología II

University degree: Grado en Farmacia

Start date: 05/02/2024

End date: 05/05/2024

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 39



Entity: Universidad de Santiago de Compostela
City of entity: Santiago de Compostela, Galicia, Spain

Type of entity: University

Experience supervising doctoral thesis and/or final year projects

1 Project title: Bachelor's Degree Final Project: Uso del pez cebra como modelo de enfermedad neurológica para el screening farmacológico.

Entity: Universidad de Santiago de Compostela

Type of entity: University

Student: José Manuel Hernández Álvarez de Mon

Date of reading: 21/07/2025

2 Project title: Bachelor's Degree Final Project: Validación de modelos in vitro para el screening de fármacos.

Entity: Universidad de Santiago de Compostela

Type of entity: University

Student: Jesús Longarela López

Date of reading: 21/07/2025

3 Project title: Master's Final Project: Determinación de la capacidad antinflamatoria de un nuevo andrografólido

Type of project: Trabajo Fin de Máster del Máster Interuniversitario en Genómica y Genética

Entity: Universidade de Vigo

Type of entity: University

Student: Alejandro Moreno León

Obtained qualification: 9.4

Date of reading: 13/09/2021

Courses and seminars given

Type of event: Clases prácticas

Name of the event: Taller de patología de peces planos

Organising entity: RED INMUNOGENOM

Type of entity: University Centres and Structures and Associated Bodies

Hours of teaching: 6

Teaching date: 09/06/2015

Other activities/achievements not included above

1 Description of the activity: Tutora de prácticas extracurriculares de la alumna María Costa de Dios

City of activity: Vigo, Galicia, Spain

Organising entity: Universidad de Santiago de Compostela

Type of entity: University

End date: 14/09/2021

2 Description of the activity: Tutora de prácticas externas del alumno Alejandro Moreno León

City of activity: Vigo, Galicia, Spain

Organising entity: Universidade de Vigo

Type of entity: University

End date: 21/07/2021



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:** <>Proyectos de I+D+i>> en el marco de los Programas Estatales de Generación de Conocimiento y Fortalecimiento Científico y Tecnológico del Sistema de I+D+i y de I+D+i Orientada a los Retos de la Sociedad.

Degree of contribution: Researcher

Entity where project took place: Consejo Superior **Type of entity:** State agency de Investigaciones Científicas

City of entity: Vigo, Galicia, Spain

Name principal investigator (PI, Co-PI....): Beatriz Novoa García

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: Agencia Estatal de Investigación

Start-End date: 01/09/2021 - 31/08/2024

Total amount: 160.000 €

- 2 Name of the project:** BLUEBIOLAB - TRansboundary Marine Biotechnology Laboratory

Degree of contribution: Researcher

Entity where project took place: Consejo Superior **Type of entity:** State agency de Investigaciones Científicas

City of entity: Vigo, Galicia, Spain

Name principal investigator (PI, Co-PI....): Beatriz Novoa García

Start-End date: 01/01/2018 - 05/04/2022

Duration: 4 years - 3 months

Total amount: 103.918 €

- 3 Name of the project:** Advanced tools and research strategies for parasite control in European farmed fish (PARAFISHCONTROL)

Degree of contribution: Researcher

Entity where project took place: Consejo Superior **Type of entity:** State agency de Investigaciones Científicas

City of entity: Vigo, Galicia, Spain

Funding entity or bodies:

European Union's Horizon 2020 research and innovation programme under grant agreement No 634429

Start-End date: 01/04/2015 - 31/03/2020

Duration: 4 years - 11 months - 30 days

Total amount: 50.900 €

Applicant's contribution: Turbot (*Scophthalmus maximus*) Nk-lysin induces protection against the pathogenic parasite *Philasterides dicentrarchi* via membrane disruption Author(s): R. Lama, P. Pereiro, M.M. Costa, J.A. Encinar, R.M. Medina-Gali, L. Pérez, J. Lamas, J. Leiro, A. Figueiras, B. Novoa Published in: Fish & Shellfish Immunology, Issue 82, 2018, Page(s) 190-199, ISSN 1050-4648 Publisher: Academic Press DOI: 10.1016/j.fsi.2018.08.004

4 Name of the project: Proyectos de Generación de Conocimiento 2023

Degree of contribution: Researcher

Entity where project took place: Universidad de Santiago de Compostela **Type of entity:** University

City of entity: Santiago de Compostela, Galicia, Spain

Name principal investigator (PI, Co-PI....): María Isabel Loza García; José Manuel Brea Floriani

Nº of researchers: 8

Funding entity or bodies:

Ministerio de Ciencia, Innovación y Universidades

Type of entity: University

Ministère de l'Énergie

Type of entity: State agency

Start date: 24/10/2024

Duration: 3 years

Total amount: 287.500 €

Scientific and technological activities

Scientific production

H index: 7

Date of application: 18/12/2024

Source of H-Index: GOOGLE SCHOLAR

Publications, scientific and technical documents

- 1** Martínez-López, N; Pereiro, P; Amaro, S; Lama, R; Figueras, A; Novoa, B. Characterization of a fish-specific immunoglobulin-like domain-containing protein (Igldcp) in zebrafish (*Danio rerio*) induced after nodavirus infection. *Developmental & Comparative Immunology*. 162, pp. 105285. (United Kingdom): ELSEVIER SCI LTD, 01/01/2025. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S0145305X24001575?via%3Dihub>>. ISSN 0145-305X
DOI: 10.1016/j.dci.2024.105285
Type of production: Scientific paper
Position of signature: 4
Total no. authors: 6
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No

2 Souto, S*; Lama, R*; Mérour, E; Mehraz, M; Bernard, J; Lamoureux, A; Massaad, S; Frétaud, M; Rigaudeau, D; Millet, JK; Langevin, C; Biacchesi, S. In vivo multiscale analyses of spring viremia of carp virus (SVCV) infection: From model organism to target species. *PLOS Pathogens*. pp. e1012328. PUBLIC LIBRARY SCIENCE, 05/08/2024. Available on-line at: <<https://journals.plos.org/plospathogens/article?id=10.1371/journal.ppat.1012328>>. ISSN 1553-7366
DOI: 10.1371/journal.ppat.1012328
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 12
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No

3 Botella-Asunción, P; Rivero-Buceta, EM; Vidaurre-Agut, C; Lama, R; Rey-Campos, M; Moreno, A; Mendoza, L; Mingo-Casas, P; Escribano-Romero, E; Gutierrez-Adan, A; Saiz, JC; Smerdo, C; González, G; Prosper, F; Argemí, J; San Miguel, J; Sanchez-Cordón, PJ; Figueras, A; Quesada-Gomez, JM; Novoa, B; Montoya, M; Martín-Acebes, MA; Pineda-Lucena, A; Benlloch, JM. AG5 is a potent non-steroidal anti-inflammatory and immune regulator that preserves innate immunity. *Biomedicine & Pharmacotherapy*. 169, pp. 115882. (France):



ELSEVIER FRANCE-EDITIONS SCIENTIFIQUES MEDICALES ELSEVIER, 31/12/2023. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S0753332223016803?via%3Dihub>>. ISSN 1950-6007

DOI: 10.1016/j.biopha.2023.115882

Type of production: Scientific paper

Format: Journal

Position of signature: 4

Corresponding author: No

Total no. authors: 24

Category: Science Edition - PHARMACOLOGY & PHARMACY

Impact source: ISI

Journal in the top 25%: Yes

Impact index in year of publication: 6.9

No. of journals in the cat.: 354

Position of publication: 15

4 González-Rodríguez, L; Pérez-Dávila, S; Lama, R; López-Álvarez, M; Serra, J; Novoa, B; Figueras, A; González, P. 3D printing of graphene oxide doped PLA:CaP scaffolds for bone tissue applications. *RSC Advances*. 13, pp. 15947 - 15959. (United Kingdom): The Royal Society of Chemistry, 30/05/2023. Available on-line at: <<https://pubs.rsc.org/en/content/articlelanding/2023/RA/D3RA00981E>>. ISSN 2046-2069

DOI: 10.1039/D3RA00981E

Type of production: Scientific paper

Format: Journal

Position of signature: 3

Corresponding author: No

Total no. authors: 8

Category: Science Edition - CHEMISTRY, MULTIDISCIPLINARY

Impact source: SCIE

Journal in the top 25%: No

Impact index in year of publication: 3.9

No. of journals in the cat.: 231

Position of publication: 80

Source of citations: SCOPUS

Citations: 10

5 Pérez-Dávila, S; González-Rodríguez, L; Lama, R; López-Álvarez, Miriam; Leite Oliveira, Ana; Julia Serra; Beatriz Novoa García; Antonio Figueras Huerta; Pío González. 3D-printed PLA medical devices: Physicochemical changes and biological response after sterilisation treatments. *Polymers*. 14 - 19, pp. 4117. MDPI, 01/10/2022. Available on-line at: <<https://www.mdpi.com/2073-4360/14/19/4117>>.

DOI: 10.3390/polym14194117

Type of production: Scientific paper

Format: Journal

Position of signature: 3

Corresponding author: No

Total no. authors: 9

Category: Science Edition - POLYMER SCIENCE

Impact source: ISI

Journal in the top 25%: Yes

Impact index in year of publication: 5

No. of journals in the cat.: 86

Position of publication: 16

Source of citations: SCOPUS

Citations: 25

6 Lama, R; Pereiro, P; Figueras, A; Novoa, B. Zebrafish as a vertebrate model for studying nodavirus infections. *Frontiers in Immunology*. 13 - 863096, pp. 1 - 17. Frontiers, 24/03/2022. Available on-line at: <<https://www.frontiersin.org/articles/10.3389/fimmu.2022.863096/full>>.

DOI: 10.3389/fimmu.2022.863096

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Corresponding author: No

Total no. authors: 4

Category: Science Edition - IMMUNOLOGY

Impact source: ISI

Journal in the top 25%: Yes

Impact index in year of publication: 7.3

No. of journals in the cat.: 161

Position of publication: 35

Source of citations: SCOPUS

Citations: 12



- 7** Pereiro, P; Lama, R; Figueras, A; Novoa, B. Characterization of the turbot (*Scophthalmus maximus*) interleukin-18: Identification of splicing variants, phylogeny, synteny and expression analysis. *Developmental and Comparative Immunology*. 124, pp. 104199. Elsevier, 01/11/2021. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S0145305X2100207X?via%3Dihub>>. DOI: 10.1016/j.dci.2021.104199
- Type of production:** Scientific paper **Format:** Journal
- Position of signature:** 2 **Corresponding author:** No
- Total no. authors:** 4 **Category:** Science Edition - FISHERIES
- Impact source:** ISI **Journal in the top 25%:** Yes
- Impact index in year of publication:** 3.605 **No. of journals in the cat.:** 144
- Position of publication:** 14 **Citations:** 3
- Source of citations:** SCOPUS
- 8** Pereiro, P; Lama, R; Moreira, R; Valenzuela-Muñoz, V; Gallardo-Escárate, C; Novoa, B; Figueras, A. Potential involvement of lncRNAs in the modulation of the transcriptome response to nodavirus challenge in european sea bass (*Dicentrarchus labrax* L.). *Biology*. 9 - 7, pp. 1 - 21. MDPI, 15/07/2020. Available on-line at: <<https://www.mdpi.com/2079-7737/9/7/165>>. DOI: 10.3390/biology9070165
- Type of production:** Scientific paper **Format:** Journal
- Position of signature:** 2 **Corresponding author:** No
- Total no. authors:** 7 **Category:** Science Edition - BIOLOGY
- Impact source:** ISI **Journal in the top 25%:** Yes
- Impact index in year of publication:** 5.079 **Citations:** 16
- Position of publication:** WOS
- 9** Lama, R*; Pereiro, P*; Valenzuela-Muñoz, V; Gallardo-Escárate, C; Tort, L; Figueras, A; Novoa, B. RNA-Seq analysis of European sea bass (*Dicentrarchus labrax* L.) infected with nodavirus reveals powerful modulation of the stress response. *Veterinary Research*. 51 - 64, pp. 1 - 22. BMC, 12/05/2020. Available on-line at: <<https://veterinaryresearch.biomedcentral.com/articles/10.1186/s13567-020-00784-y>>. DOI: 10.1016/j.fsi.2023.108588
- Type of production:** Scientific paper **Format:** Journal
- Position of signature:** 1 **Corresponding author:** No
- Total no. authors:** 7 **Category:** Science Edition - VETERINARY SCIENCES
- Impact source:** ISI **Journal in the top 25%:** Yes
- Impact index in year of publication:** 3.699 **No. of journals in the cat.:** 146
- Position of publication:** 7 **Citations:** 18
- Position of publication:** SCOPUS
- 10** Lama, R; Pereiro, P; Novoa, B; Coll, J. Sea bass immunization to downsize the betanodavirus protein displayed in the surface of inactivated repair-less bacteria. *Vaccines*. 7 - 3, pp. 94. MDPI, 20/08/2019. Available on-line at: <<https://www.mdpi.com/2076-393X/7/3/94>>. DOI: 10.3390/vaccines7030094
- Type of production:** Scientific paper **Format:** Journal
- Position of signature:** 1 **Corresponding author:** No
- Total no. authors:** 4 **Category:** Immunology
- Impact source:** ISI **Journal in the top 25%:** No
- Impact index in year of publication:** 4.086

**Position of publication:** 59**No. of journals in the cat.:** 159**Source of citations:** SCOPUS**Citations:** 2

11 Lama, R; Pereiro, P; Costa, MM; Encinar, JA; Medina-Gali, RM; Pérez, L; Lamas, J; Leiro, J; Novoa, B; Figueras, A. Turbot (*Scophthalmus maximus*) Nk-lysin induces protection against the pathogenic parasite *Philasterides dicentrarchi* via membrane disruption. *Fish & Shellfish Immunology*. 82, pp. 190 - 199. Elsevier, 03/08/2018. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S1050464818304704?via%3Dihub>>.

DOI: 10.1016/j.fsi.2018.08.004**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 1**Total no. authors:** 10**Corresponding author:** No**Impact source:** ISI**Category:** Science Edition - VETERINARY SCIENCES**Impact index in year of publication:** 3.298**Journal in the top 25%:** Yes**Position of publication:** 3**No. of journals in the cat.:** 141**Source of citations:** SCOPUS**Citations:** 37

12 Vázquez-Rodríguez, S; Lama, R; Matos, MJ; Armesto-Quintas, G; Serra, S; Uriarte, E; Santana, L; Borges, F; Muñoz Crego, A; Santos, Y. Design, synthesis and antibacterial study of new potent and selective coumarin-chalcone derivatives for the treatment of tenacibaculosis. *Bioorganic & Medicinal Chemistry*. 23 - 21, pp. 7045 - 7052. Elsevier, 01/11/2015. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S0968089615300535?via%3Dihub>>.

DOI: 10.1016/j.bmc.2015.09.028**Type of production:** Scientific paper**Format:** Journal**Position of signature:** 2**Total no. authors:** 10**Corresponding author:** No**Impact source:** ISI**Category:** Science Edition - CHEMISTRY, ORGANIC**Impact index in year of publication:** 2.923**Journal in the top 25%:** No**Position of publication:** 125**No. of journals in the cat.:** 289**Source of citations:** SCOPUS**Citations:** 39

Works submitted to national or international conferences

1 **Title of the work:** in vivo investigation of spring viremia of carp virus (SVCV) infection in zebrafish larvae used as a predictive model to understand the disease pathophysiology and for drug screening

Name of the conference: ZDM17 Conference**Type of event:** Conference**Type of participation:** Participatory - oral communication**City of event:** Lisboa, Lisboa, Portugal**Date of event:** 08/10/2024**End date:** 10/10/2024

Organising entity: Zebrafish Disease Models Society

Type of entity: Associations and Groups

City organizing entity: New York, United States of America

Raquel Lama; Sandra Souto; Émilie Mérour; Manon Mehraz; Julie Bernard; Annie Lamoureux; Sarah Massaad; Maxence Frétaud; Dimitri Rigaudeau; Jean Karou Millet; Christelle Langevin; Stéphane Biacchesi.



2 Title of the work: in vivo investigation of spring viremia of carp virus (SVCV) infection in zebrafish larvae used as a predictive model to understand the disease pathophysiology and for drug screening

Name of the conference: ZDM17 Conference

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Lisboa, Lisboa, Portugal

Date of event: 08/10/2024

End date: 10/10/2024

Organising entity: Zebrafish Disease Models Society

Type of entity: Associations and Groups

City organizing entity: New York, United States of America

Raquel Lama; Sandra Souto; Émilie Mérour; Manon Mehraz; Julie Bernard; Annie Lamoureux; Sarah Massaad; Maxence Frétaud; Dimitri Rigaudeau; Jean Karou Millet; Christelle Langevin; Stéphane Biacchesi.

3 Title of the work: In vitro and in vivo antiviral activity of the cyanobacteria Sphaerospermopsis sp against fish rhabdoviruses

Name of the conference: XVII CONGRESO NACIONAL DE VIROLOGIA

Corresponding author: No

City of event: Santiago de Compostela, Galicia, Spain

Date of event: 02/09/2024

End date: 05/09/2024

Organising entity: SOCIEDAD ESPAÑOLA DE VIROLOGIA

City organizing entity: Santiago de Compostela, Galicia, Spain

López-Vázquez C; Cruz P; Lama R; Rey-Campos M; Novoa B; Reis M; Ferreira L; Dopazo CP; Vasconcelos V; Bandín I. "In vitro and in vivo antiviral activity of the cyanobacteria Sphaerospermopsis sp against fish rhabdoviruses".

4 Title of the work: Contribution of reverse genetics and in vivo imaging techniques in zebrafish larvae to better understand spring viremia of carp virus infection

Name of the conference: First French Zebrafish Meeting

Corresponding author: Yes

City of event: Montpellier, Languedoc-Roussillon, France

Date of event: 18/10/2023

End date: 20/10/2023

Organising entity: Zebrafish scientific community of Montpellier

City organizing entity: Montpellier, Languedoc-Roussillon, France

Raquel Lama López; Sandra Souto; Émilie Mérour; Manon Mehraz; Julie Bernard; Annie Lamoureux; Sarah Massaad; Maxence Frétaud; Dimitri Rigaudeau; Jean K Millet; Christelle Langevin; Stéphane Biacchesi.

"Contribution of reverse genetics and in vivo imaging techniques in zebrafish larvae to better understand spring viremia of carp virus infection".

5 Title of the work: Zebrafish model of Spring Viremia of Carp Virus (SVCV) infection recapitulates the carp disease and induces an exacerbated and unresolved inflammatory response

Name of the conference: Innate Sensors and Inflammation Meeting

Corresponding author: No

City of event: Lyon, Rhône-Alpes, France

Date of event: 05/09/2023

End date: 07/09/2023

Organising entity: InnasCo-FrontInov

Type of entity: Associations and Groups

Raquel Lama López; Sandra Souto; Émilie Mérour; Manon Mehraz; Sarah Massaad; Annie Lamoureux; Julie Bernard; Maxence Frétaud; Dimitri Rigaudeau; Jean K Millet; Christelle Langevin; Stéphane Biacchesi.



"Zebrafish model of Spring Viremia of Carp Virus (SVCV) infection recapitulates the carp disease and induces an exacerbated and unresolved inflammatory response".

- 6 Title of the work:** Characterization of the turbot (*Scophthalmus maximus*) interleukin-18: Identification of splicing variants, phylogeny, synteny and expression analysis

Name of the conference: 4th ISFSI Congress

Corresponding author: No

City of event: Bodo, Norway

Date of event: 11/12/2022

End date: 15/12/2022

Organising entity: International Society of Fish and Shellfish Immunology (ISFSI)

Patricia Pereiro; Raquel Lama López; Antonio Figueiras Huerta; Beatriz Novoa García. "Characterization of the turbot (*Scophthalmus maximus*) interleukin-18: Identification of splicing variants, phylogeny, synteny and expression analysis".

- 7 Title of the work:** Transcriptomic responses of European sea bass (*Dicentrarchus labrax* L) and zebrafish (*Danio rerio*) against a nodavirus infection

Name of the conference: 4th ISFSI Congress

Corresponding author: Yes

City of event: Bodo, Norway

Date of event: 11/12/2022

End date: 15/12/2022

Organising entity: International Society of Fish and Shellfish Immunology

Raquel Lama López; Patricia Pereiro; Antonio Figueiras Huerta; Beatriz Novoa García. "Transcriptomic responses of European sea bass (*Dicentrarchus labrax* L) and zebrafish (*Danio rerio*) against a nodavirus infection".

- 8 Title of the work:** Vecteurs d'expression derivés du virus de la viremie printanière de la carpe: Application en vaccinologie et pour le criblage de molécules thérapeutiques

Name of the conference: Journées du Département Santé Animale 2022

Corresponding author: No

City of event: Anglet, Aquitaine, France

Date of event: 18/10/2022

Organising entity: Université Paris-Saclay, INRAE

City organizing entity: Jouy-en-Josas, Île de France, France

Souto; Mérour; Massaad; Stram; Raquel Lama López; Bernard; Frétaud; Rigaudeau; Langevin; Millet; Biacchesi. "Vecteurs d'expression derivés du virus de la viremie printanière de la carpe: Application en vaccinologie et pour le criblage de molécules thérapeutiques".

- 9 Title of the work:** Discovery of new inhibitors and mechanisms of inflammasome activation: applications in COVID-19

Name of the conference: II Jornadas Científicas PTI + Salud Global

Corresponding author: No

City of event: Valencia, Valencian Community, Spain

Date of event: 05/10/2022

End date: 06/10/2022

Organising entity: PTI Salud + Global del CSIC **Type of entity:** Public Research Body

City organizing entity: Valencia, Valencian Community, Spain

Mónica Pons; Erika Zodda; Cristina Calvo; Cristina Benítez; Elena Rebollo; Dalia Raich; Daniel Pérez Zsolt; Raquel Lama López; David Maestro; Marta Cascante; Ana Villar; Beatriz Novoa García; Anna Serrano; Jaime Rubio; Nuria Izquierdo; Timothy Thomson. "Discovery of new inhibitors and mechanisms of inflammasome activation: applications in COVID-19".



10 Title of the work: Impresión 3D de composites con óxido de grafeno para aplicaciones biomédicas

Name of the conference: XVI Congreso Nacional de Materiales (CNMAT 2022)

Corresponding author: No

City of event: Ciudad Real, Castile-La Mancha, Spain

Date of event: 28/06/2022

Organising entity: Sociedad Española de Materiales y Universidad de Castilla-La Mancha

City organizing entity: Sevilla, Andalusia, Spain

Laura González Rodríguez; Sara Pérez Dávila; Raquel Lama López; Miriam López Álvarez; Julia Serra; Beatriz Novoa García; Antonio Figueiras Huerta; Pío González. "Impresión 3D de composites con óxido de grafeno para aplicaciones biomédicas".

11 Title of the work: Impresión 3D de dispositivos biomédicos de PLA: Estudio de la influencia de los procesos de esterilización

Name of the conference: XVI Congreso Nacional de Materiales (CNMAT 2022)

Corresponding author: No

City of event: Ciudad Real, Castile-La Mancha, Spain

Date of event: 28/06/2022

Organising entity: Sociedad Española de Materiales **Type of entity:** University y la Universidad de Castilla-La Mancha

City organizing entity: Sevilla, Andalusia, Spain

Sara Pérez Dávila; Laura González Rodríguez; Raquel Lama López; Miriam López Álvarez; Ana L Oliveira; Julia Serra; Beatriz Novoa García; Antonio Figueiras Huerta; Pío González. "Impresión 3D de dispositivos biomédicos de PLA: Estudio de la influencia de los procesos de esterilización".

12 Title of the work: Zebrafish model for graphene oxide nanoflakes biocompatibility assessment

Name of the conference: 31st Conference of the European Society for Biomaterials

Corresponding author: No

City of event: Porto, Norte, Portugal

Date of event: 06/09/2021

Organising entity: European Society for Biomaterials (ESB)

Type of entity: Associations and Groups

City organizing entity: Porto, Norte, Portugal

Sara Pérez Dávila; Laura González Rodríguez; Raquel Lama López; Julia Serra; Antonio Figueiras Huerta; Beatriz Novoa García; Pío González. "Zebrafish model for graphene oxide nanoflakes biocompatibility assessment".

13 Title of the work: RNA-Seq analysis of European sea bass (*Dicentrarchus labrax* L) infected with nodavirus reveals powerful modulation of the stress response

Name of the conference: 6th International Symposium on Genomics in Aquaculture (GIA2020)

Corresponding author: Yes

City of event: Granada, Andalusia, Spain

Date of event: 05/05/2021

End date: 07/05/2021

Organising entity: Universidad de Granada

Type of entity: University

City organizing entity: Granada, Andalusia, Spain

Raquel Lama López; Patricia Pereiro González; Valentina Valenzuela Muñoz; Cristian Gallardo Escárate; Lluís Tort Bardolet; Antonio Figueiras Huerta; Beatriz Novoa García. "RNA-Seq analysis of European sea bass (*Dicentrarchus labrax* L) infected with nodavirus reveals powerful modulation of the stress response".



14 Title of the work: Turbot (*Scophthalmus maximus*) Nk-lysin induces broadspectrum activity against parasites, bacteria and virus

Name of the conference: 19th International Conference on Diseases of Fish and Shellfish

Corresponding author: No

City of event: Porto, Norte, Portugal

Date of event: 09/09/2019

End date: 12/09/2019

Organising entity: European Association of Fish Pathologists

Type of entity: Associations and Groups

City organizing entity: Porto, Norte, Portugal

Patricia Pereiro González; Alberto Falcó Graciá; Raquel Lama López; Regla Mmaría Medina Gali; Melissa Belló Pérez; Antonio Figueras Huerta; José Antonio Encinar Garcinuño; Beatriz Novoa García. "Turbot (*Scophthalmus maximus*) Nk-lysin induces broadspectrum activity against parasites, bacteria and virus".

15 Title of the work: Turbot (*Scophthalmus maximus*) Nk-Lysin induces protection against the pathogenic parasite *Philasterides dicentrarchi* via membrane disruption

Name of the conference: 3rd International Conference on Fish & Shellfish Immunology

Corresponding author: No

City of event: Las Palmas de Gran Canaria, Canary Islands, Spain

Date of event: 16/06/2019

End date: 20/06/2019

Organising entity: International Society of Fish & Shellfish Immunology (ISFSI)

Type of entity: Public Research Body

City organizing entity: Las Palmas de Gran Canaria, Canary Islands, Spain

Raquel Lama López; Patricia Pereiro González; Marimar Costa Portela; Jose Antonio Encinar Garcinuño; Regla María Medina Gali; Pérez, L; Jesús Lamas Fernández; José Manuel Leiro Vidal; Antonio Figueras Huerta; Beatriz Novoa García. "Turbot (*Scophthalmus maximus*) Nk-Lysin induces protection against the pathogenic parasite *Philasterides dicentrarchi* via membrane disruption".

16 Title of the work: Evaluación de la eficacia de compuestos químicos y naturales frente a infecciones bacterianas y fúngicas de la trucha arcoíris

Name of the conference: XIX Foro dos Recursos Mariños e da Acuicultura das Rías Galegas

Corresponding author: No

City of event: O Grove, Galicia, Spain

Date of event: 06/10/2016

End date: 07/10/2016

Organising entity: Asociación Cultural do Foro dos Recursos Mariños e da Acuicultura das Rías Galegas

Type of entity: Associations and Groups

City organizing entity: Santiago de Compostela, Galicia, Spain

Raquel Lama López; Nancy Saltos Rosero; Cristina García Díez; Sánchez-Arévalo, AR; Martínez, A; Ysabel Santos Rodríguez. "Evaluación de la eficacia de compuestos químicos y naturales frente a infecciones bacterianas y fúngicas de la trucha arcoíris".

17 Title of the work: Sensitivity of *Tenacibaculum* spp. to antimicrobial compounds used in aquaculture

Name of the conference: XVIII Foro dos Recursos Mariños e da Acuicultura das Rías Galegas

Corresponding author: No

City of event: O Grove, Galicia, Spain

Date of event: 08/10/2015

End date: 09/10/2015

Organising entity: Asociación Cultural do Foro dos Recursos Mariños e da Acuicultura das Rías Galegas

Type of entity: Associations and Groups

City organizing entity: Santiago de Compostela, Galicia, Spain



Raquel Lama López; Ysabel Santos Rodríguez. "Sensitivity of *Tenacibaculum* spp. to antimicrobial compounds used in aquaculture".

18 Title of the work: Study of antibacterial activities of terpenoid compounds

Name of the conference: XVII Foro dos Recursos Mariños e da Acuicultura das Rías Galegas

Corresponding author: No

City of event: O Grove, Galicia, Spain

Date of event: 09/10/2014

End date: 10/10/2014

Organising entity: Asociación Cultural do Foro dos **Type of entity:** Associations and Groups Recursos Mariños e da Acuicultura das Rías Galegas

City organizing entity: Santiago de Compostela, Galicia, Spain

Raquel Lama López; Alba Díaz Gómez; Alejandro Garrido López; Yolanda Torres Corral; O'Mallei, P; Ysabel Santos Rodríguez. "Study of antibacterial activities of terpenoid compounds".

19 Title of the work: Susceptibilidad antimicrobiana de cepas del patógeno de peces *Flavobacterium psychrophilum*

Name of the conference: XV Foro dos Recursos Mariños e da Acuicultura das Rías Galegas

Corresponding author: No

City of event: O Grove, Galicia, Spain

Date of event: 10/10/2012

End date: 11/10/2012

Organising entity: Asociación Cultural do Foro dos **Type of entity:** Associations and Groups Recursos Mariños e da Acuicultura das Rías Galegas

City organizing entity: Santiago de Compostela, Galicia, Spain

Alba Díaz Gómez; Raquel Lama López; Ángeles Muñoz Crego; Ysabel Santos Rodríguez. "Susceptibilidad antimicrobiana de cepas del patógeno de peces *Flavobacterium psychrophilum*".

Science Outreach activities

1 Title of the work: Living Science. Investigadoras contra o cancro

Name of the event: Día Internacional de la Mujer y la Niña en la Ciencia

Type of event: Taller de divulgación del CIMUS

City of event: Santiago de Compostela, Galicia, Spain

Date of event: 13/02/2025

Organising entity: ASOCIACION ESPAÑOLA CONTABILIDAD Y ADMINISTRACION EMPRESAS

2 Title of the work: Living Science. Investigadoras contra o cancro

Name of the event: Día Internacional de la Mujer y la Niña en la Ciencia

Type of event: Taller de divulgación del CIMUS

City of event: Santiago de Compostela, Galicia, Spain

Date of event: 12/02/2025

Organising entity: Asociación Española Contra el **Type of entity:** Associations and Groups Cáncer

3 Title of the work: Plataforma Innopharma: cribado de fármacos y farmacogética

Name of the event: Día Internacional de la Mujer y la Niña en la Ciencia

Type of event: Programa de Visitas Escolares del CiMUS

City of event: Santiago de Compostela, Galicia, Spain

Date of event: 11/02/2025

Type of entity: University Research Institute



Organising entity: Centro de Investigación de Medicina Molecular y Enfermedades Crónicas (CiMUS)

City organizing entity: Santiago de Compostela, Galicia, Spain

4 Title of the work: La biotecnología y el descubrimiento de fármacos

Name of the event: Pint of Science

Type of event: Conferences given

Corresponding author: Yes

City of event: Santiago de Compostela, Galicia, Spain

Date of event: 13/05/2024

Organising entity: Pint of Science España

City organizing entity: Spain

Raquel Lama.

5 Title of the work: Ciencia en femenino. Científicas no estranxeiro

Name of the event: Ciencia en femenino,Ciclo de charlas e mesas redondas

Type of event: Media interviews

City of event: Vigo, Galicia, Spain

Date of event: 04/04/2024

Organising entity: gCiencia, Xornalismo + Divulgación

Available on-line at:

<<https://www.gciencia.com/perspectivas/8m-gl/directo-ciencia-femenino-cientificas-estranxeiro/>>.

6 Title of the work: En 2022 viviremos el boom de los cruceros

Type of event: Media interviews

Date of event: 05/11/2021

Organising entity: RADIO NACIONAL DE ESPAÑA, S.A.

"Españoles en el mar". Available on-line at: <<https://www.rtve.es/play/audios/espanoles-en-la-mar-espanoles-mar-2022-viviremos-boom-cruceros-51121/6188043/>>.

7 Title of the work: Una tesis identifica nuevas estrategias para el control de nodavirus en lubina europea

Type of event: Media interviews

Date of event: 04/11/2021

Organising entity: mispecies.com

Available on-line at: <<https://www.mispecies.com/noticias/Una-tesis-identifica-nuevas-estrategias-para-el-control-de-nodavirus-en-lubina-europea/>>.

8 Title of the work: Un estudio sobre enfermedades neurodegenerativas de las lubinas abre puertas a probar terapias en humanos

Type of event: Media interviews

Date of event: 03/11/2021

Organising entity: La Voz de Galicia

Available on-line at: <https://www.lavozdegalicia.es/noticia/somosmar/acuicultura/2021/11/03/estudio-sobre-enfermedades-neurodegenerativas-lubinas-abre-puertas-probar-terapias-humanos/0003_202111G3P30994.htm>.

9 Title of the work: Una tesis dirigida por el Instituto de Investigaciones Marinas identifica métodos de control de virus en acuicultura

Type of event: Media interviews

Date of event: 02/11/2021

Organising entity: Galiciapress

Available on-line at: <<https://www.galiciapress.es/texto-diario/mostrar/3288018/tesis-dirigida-instituto-investigaciones-marinas-identifica-metodos-control-virus-acuicultura>>.

R&D management and participation in scientific committees

Organization of R&D activities

Title of the activity: International Think Tank on Preclinical Drug Discovery

Geographical area: European Union

City of event: Santiago de Compostela, Galicia, Spain

Convening entity: Plan Complementario de Biotecnología Aplicada a la Salud del PERTE de Salud de Vanguardia and Red Estratégica de Investigación "Sinergias en descubrimiento de fármacos en España

City convening entity: Santiago de Compostela, Galicia, Spain

Type of participation: Organiser

Nº assistants: 100

Start-End date: 16/01/2025 - 17/01/2025

Duration: 2 days

Other achievements

Stays in public or private R&D centres

- 1 Entity:** Institut National de Recherche pour l'Agriculture, l'Alimentation et l'Environnement (INRAE)
City of entity: Jouy-en-Josas, Île de France, France
Start-End date: 01/01/2022 - 31/12/2023 **Duration:** 2 years
Goals of the stay: Post-doctoral

2 Entity: Universidad de Concepción **Type of entity:** University
Faculty, institute or centre: Centro de Biotecnología
City of entity: Concepción, Chile
Start-End date: 01/04/2018 - 02/07/2018 **Duration:** 3 months - 1 day
Goals of the stay: Doctorate
Provable tasks: Introducción a herramientas bioinformáticas para el análisis RNA-Seq

3 Entity: International Iberian Nanotechnology Laboratory (INL) **Type of entity:** Public Research Body
Faculty, institute or centre: International Iberian Nanotechnology Laboratory
City of entity: Braga, Norte, Portugal
Start-End date: 06/07/2015 - 06/09/2015 **Duration:** 2 months
Goals of the stay: ERASMUS Prácticas
Provable tasks: Introducción a la microscopía electrónica y análisis de imágenes de arterias con atherosclerosis.

4 Entity: Gwangju Institute of Science and Technology **Type of entity:** University Research Institute
Faculty, institute or centre: Cell Dynamics Research Center, School of Life Sciences
City of entity: Gwangju, Republic of Korea
Start-End date: 30/06/2014 - 08/08/2014 **Duration:** 1 month - 7 days
Goals of the stay: Summer Internship
Provable tasks: Explorar los efectos de la IL-1b en la expresión de factores anabólicos y catabólicos



5 Entity: Universidad de Santiago de Compostela **Type of entity:** University
Faculty, institute or centre: Facultad de Biología - Edificio CIBUS
City of entity: Santiago de Compostela, Galicia, Spain
Start-End date: 01/09/2012 - 30/06/2013 **Duration:** 1 year
Goals of the stay: Prácticas de Laboratorio
Type of stay: Investigación

6 Entity: Complejo Hospitalario de Ourense **Type of entity:** Healthcare Institutions
Faculty, institute or centre: Laboratorio de Microbiología del CHUO
City of entity: Ourense, Galicia, Spain
Start-End date: 01/08/2012 - 31/08/2012 **Duration:** 1 month
Goals of the stay: Prácticas de Laboratorio
Type of stay: Investigación

Obtained grants and scholarships

1 Name of the grant: Ayudas Juan de la Cierva del Plan Estatal de Investigación Científica Técnica y de Innovación 2021-2023 (Convocatoria 2022)

City awarding entity: Santiago de Compostela, Galicia, Spain

Aims: Post-doctoral

Awarding entity: Ministerio de Ciencia, Innovación y Universidades y Agencia Estatal de Investigación

Conferral date: 01/01/2024 **Duration:** 2 years

End date: 31/12/2025

Entity where activity was carried out: Universidad de Santiago de Compostela

Faculty, institute or centre: Centro Singular de Investigación en Medicina Molecular y Enfermedades Crónicas (CIMUS)

2 Name of the grant: Ayudas para la Recualificación del Sistema Universitario Español - Modalidad Margarita Salas

City awarding entity: Jouy-en-Josas, Île de France, France

Aims: Post-doctoral

Awarding entity: Ministerio de Universidades

Conferral date: 01/01/2022 **Duration:** 2 years

End date: 31/12/2023

Entity where activity was carried out: National Research Institute for Agriculture, Food and the Environment (INRAE)

Faculty, institute or centre: INRAE Jouy-en-Josas

3 Name of the grant: Axudas de apoio á etapa predoutoral

Aims: Pre-doctoral

Awarding entity: Xunta de Galicia

Conferral date: 31/07/2017 **Duration:** 3 years - 5 months - 27 days

End date: 30/01/2021

Entity where activity was carried out: Consejo Superior de Investigaciones Científicas

Faculty, institute or centre: Instituto de Investigaciones Marinas

4 Name of the grant: Programa Erasmus +

City awarding entity: Braga, Portugal

Aims: Summer Internship in Science



Awarding entity: Universidad de Santiago de Compostela

Type of entity: University

Conferral date: 15/07/2015

Duration: 2 months

End date: 15/09/2015

Entity where activity was carried out: International Iberian Nanotechnology Laboratory (INL)

5 Name of the grant: Becas de carácter general para el curso académico 2014/2015

Aims: Master

Awarding entity: Ministerio de Educación, Cultura y Deporte

Conferral date: 2014

End date: 2015

Entity where activity was carried out: Universidad de Santiago de Compostela

6 Name of the grant: Global Intern Program in Science and Technology

City awarding entity: Gwangju, Republic of Korea

Aims: Summer Internship in Science and Technology

Awarding entity: Gwangju Institute of Science and **Type of entity:** Innovation and Technology Centres Technology (GIST)

Conferral date: 30/06/2014

Duration: 2 years - 9 days

End date: 08/08/2014

Entity where activity was carried out: Gwangju Institute of Science and Technology

Faculty, institute or centre: School of Life Sciences

7 Name of the grant: Becas de carácter general para el curso académico 2013/2014

Aims: Master

Awarding entity: Ministerio de Educación, Cultura y Deporte

Conferral date: 2013

End date: 2014

Entity where activity was carried out: Universidad de Santiago de Compostela

Obtained accreditations/recognitions

Description: Profesor Ayudante Doctor, evaluación Positiva

Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación (ANECA)

Date of recognition: 11/04/2023