



Joaquin Muñoz Garcia

Generated from: Editor CVN de FECYT

Date of document: 14/10/2021

v 1.4.3

5e430b972abd8d42f2e84a9c8bfa842d

This electronic file (PDF) has embedded CVN technology (CVN-XML). The CVN technology of this file allows you to export and import curricular data from and to any compatible data base. List of adapted databases available at: <http://cvn.fecyt.es/>

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.

My overarching professional goal is to make both technical advances and conceptual contributions to the fields of molecular ecology and evolutionary biology, including phylogeography, ecological genetics, and adaptation to environmental changes.

Throughout my career I have developed new methodological approaches and genomic resources, including a high-throughput genomic DNA extraction method for molecular analyses that has application to large-scale molecular screening in several areas of molecular ecology, including population genetics and DNA barcoding. I have also contributed a unique genome-wide study on the eco-toxicological model organism *Daphnia* to target informative genome regions related to adaptive physiological processes.

I regularly employ genetic tools for contributing to the identification of mechanistic dependencies and evolutionary signals in continental-scale processes, including the study of avian malaria transmission in Italy and its spread by Asian tiger mosquitoes in Europe. I work on the processes that lead to geographic patterns of genomic variation in order to further our understanding of large-scale interactions that shape genetic diversity over thousands of years. For example, by employing sequence analyses of MHC genes, my research on falcons suggests that MHC class II diversity went through an adaptive evolutionary transition that reduced levels of polymorphism. This contribution points to the evolution of compensatory immune mechanisms to cope with emerging and continuously evolving pathogens. In another case, existing evidence on local endemism and high population structure in diapausing aquatic invertebrates motivated me to make an important contribution to the field of phylogeography. I developed original research to elucidate how bird migratory flyways influence the phylogeography of organisms with passive dispersal, using the invasive brine shrimp *Artemia franciscana* as my model organism. My work suggests that, at continental extents, bird-mediated transport of the brine shrimp propagules determines the geographic distribution of genomic variation at the intra-specific level. Transportation by birds facilitates the colonisation of newly available aquatic environments along bird flyways, maintaining high levels of genetic differentiation among populations without promoting gene flow.

My original research lines on metabolomics and gene expression (RNA-seq) in *Drosophila*, in collaboration with the Department of Bioscience in Aarhus (Denmark), have revealed that in stressful environments flies experience reduced sexual differentiation at phenotypic (body mass) and metabolic levels. In this system, my studies on inbreeding suggest a genome-wide regulatory deterioration in inbred populations, which impedes adaptive plastic responses to environmental stress.

Broadly, my research lines and the results obtained from my multidisciplinary approach will deepen our understanding of the associations between genotypes and environments and, thus, provide answers to questions in conservation and evolutionary biology regarding the determinants of adaptability in the face of environmental change. My profile, previous research success, and international collaborations reflect my willingness and motivation to develop multidisciplinary and collaborative science in a wide range of organisms and ecosystems.



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.

* Grants and funding held attributable to Dr. Joaquin Munoz: > €310,000 consisting of external sources (including a 7FP_IOF-Marie Curie Fellowship-PEOPLE).

* I have co-supervised five postgraduate students: one at the EBD-CSIC (**Seville, Spain**), one at the University of Oklahoma (**Norman, Oklahoma, USA**), and three at the Aalborg University (**Aalborg, Denmark**). In addition, I have supervised one lab technician and two Erasmus students (coming from the UK) at the Donana Biological Station (**EBD-CSIC, Seville, Spain**).

* Results of my projects and collaborations have been published in **30 different SCI journals**. My quality indicators listed by SCI-Thomson Reuters (<https://publons.com/researcher/1217740/joaquin-munoz/>) by **October 14th, 2021** are as follow:

- Papers = **39**
- Citations at WOS > **1.190**
- Publications Q1 percentil indicated by WOS = **25**
- Publications Q2 percentil indicated by WOS = **8**
- Publications Q3 percentil indicated by WOS = **3**
- Publications Q4 percentil indicated by WOS = **3**

- Average citations per article = **31.30**
- H-index: **19**



Joaquin Muñoz Garcia

Surname(s): **Muñoz Garcia**
Name: **Joaquin**
ORCID: **0000-0003-3623-2439**
ResearcherID: **B-9938-2009**
Nationality: **Spain**
Country of birth: **Spain**
Aut. region/reg. of birth: **Andalusia**
City of birth: **Los Barrios (Cadiz)**
Contact aut. region/reg.: **Andalusia**
Email: **quini@ebd.csic.es**
Personal web page: **http://www.ebd.csic.es/quini/QuiniPersonal_E.htm**

Current professional situation

Employing entity: Universidad de Córdoba **Type of entity:** University
Department: Oficina de Proyectos Internacionales (OPI-UCO), Delegación para Proyección Internacional
Professional category: Gestor de Proyectos Internacionales: ERC y MSCA **Educational Management (Yes/No):** No
City employing entity: Córdoba, Andalusia, Spain
Start date: 01/02/2021
Type of contract: Temporary employment contract **Dedication regime:** Full time
Performed tasks: Advice services to improve cross-cutting aspects in the drafting of European Projects, accompanying the researchers in technical and financial meetings of the consortium, or facilitating the search for strategic partners.
Field of management activity: Research
Applicability in teaching and/or research: Scientific international publications on the phylogeography and evolutionary history of red deer, *Cervus elaphus*

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad de Córdoba	Postdoctoral Researcher	01/09/2019
2	Universidad de Córdoba	Postdoctoral Researcher	01/03/2019
3	Consejo Superior de Investigaciones Científicas	INVESTIGACION EN FORMACION	01/07/2017
4	Aalborg University (AAU)	Postdoctoral Researcher	01/10/2015
5	Consejo Superior de Investigaciones Científicas	MARIE CURIE-INVESTIGADOR POSTDOCTORAL	01/02/2012
6	Consejo Superior de Investigaciones Científicas	INVESTIGADOR EN FORMACION	01/01/2010
7			26/06/2009

	Employing entity	Professional category	Start date
	Consejo Superior de Investigaciones Científicas	Titulado Superior de Actividades Técnicas y Profesionales	
8	Consejo Superior de Investigaciones Científicas	Titulado Superior de Actividades Técnicas y Profesionales	12/02/2009
9	Consejo Superior de Investigaciones Científicas	Titulado Superior de Actividades Técnicas y Profesionales	01/07/2008
10	Consejo Superior de Investigaciones Científicas	Titulado Superior de Actividades Técnicas y Profesionales	16/05/2007
11	Consejo Superior de Investigaciones Científicas	Técnico Superior de Investigación y Laboratorio	15/03/2004
12	Consejo Superior de Investigaciones Científicas	Técnico Superior de Investigación y Laboratorio	01/07/2002
13	Consejo Superior de Investigaciones Científicas	Técnico Superior de Investigación y Laboratorio	01/02/2001
14	Consejo Superior de Investigaciones Científicas	Ayudante de Laboratorio	01/09/2000
15	Consejo Superior de Investigaciones Científicas	Ayudante de Laboratorio	01/02/1999
16	Consejo Superior de Investigaciones Científicas	Titulado Superior en Biología	13/07/1998
17	Consejo Superior de Investigaciones Científicas	Titulado Superior en Biología	27/10/1997

- 1** **Employing entity:** Universidad de Córdoba **Type of entity:** University
Department: Department: UIRCP - Unidad de Investigación en Recursos Cinegéticos y Piscícolas, Departamento de Zoología
City employing entity: Córdoba, Andalusia, Spain
Professional category: Postdoctoral Researcher **Educational Management (Yes/No):** No
Start-End date: 01/09/2019 - 31/12/2019 **Duration:** 4 months
Type of contract: Temporary employment contract
Dedication regime: Full time
Field of management activity: University
- 2** **Employing entity:** Universidad de Córdoba **Type of entity:** University
Department: Department: UIRCP - Unidad de Investigación en Recursos Cinegéticos y Piscícolas, Departamento de Zoología
City employing entity: Córdoba, Andalusia, Spain
Professional category: Postdoctoral Researcher **Educational Management (Yes/No):** No
Start-End date: 01/03/2019 - 30/06/2019 **Duration:** 4 months
Type of contract: Temporary employment contract
Dedication regime: Full time
Field of management activity: University
- 3** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Professional category: INVESTIGACION EN FORMACION
Start-End date: 01/07/2017 - 02/10/2018 **Duration:** 1 year - 5 months - 2 days
- 4** **Employing entity:** Aalborg University (AAU) **Type of entity:** University
Department: Dept. of Chemistry and Bioscience, Aalborg University (AAU)
City employing entity: Aalborg, Denmark



Professional category: Postdoctoral Researcher **Educational Management (Yes/No):** Yes
Phone: (+45) 99403618 **Email:** jom@bio.aau.dk
Start-End date: 01/10/2015 - 30/09/2016 **Duration:** 1 year

Type of contract: Temporary employment contract

Dedication regime: Full time

Performed tasks: After generating my own Drosophila inbred lines, I assessed how does inbreeding impacts the ability to respond to environmental variation through adaptive plastic responses by using proteomic and metabolomic approaches (Orsted M, Malmendal A, Munoz J. et al. 2018. Biol. J. Linnean Soc. B, 123:155-162; Schou MF, Bechsgaard J, Munoz J, Kristensen TN. 2018. Evolution. Accepted with major revisions)

Identify key words: Ecological genetics; Genomics; Causes and mechanisms of loss; Habitat and species restoration and rehabilitation

Field of management activity: University

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

Department: Departamento de Ecología de Humedales, Estación Biológica de Doñana

City employing entity: Madrid, Community of Madrid, Spain

Professional category: MARIE **Educational Management (Yes/No):** No
CURIE-INVESTIGADOR POSTDOCTORAL

Start-End date: 01/02/2012 - 31/01/2015 **Duration:** 3 years

Type of contract: Temporary employment contract

Dedication regime: Full time

Primary (UNESCO code): 240108 - Animal genetics; 240191 - Invertebrates not Insects; 240903 - Population genetics

Secondary (UNESCO code): 240108 - Animal genetics; 240199 - Other; 240903 - Population genetics

Performed tasks: This project was funded by the European Union (Marie Curie Actions - IOF) to investigate the effect produced by the eutrophication of freshwater lakes, due to human activity (population growth, fertilizer spillage, logging ...), on the genetic composition and physiology of the species that inhabit these ecosystems. Using as a model organism the water flea, Daphnia sp., We analyze the genetic changes that have occurred due to the strong growth of phosphorus content of the lakes it inhabits and its potential adaptation to the environment. This project was developed at the University of Oklahoma (USA) using samples obtained from lakes of the State of Minnesota with different levels of eutrophication. Characterization of genome-wide SNPs generated by genotyping-by-sequencing (GBS) approach. Competition driven by cultural eutrophication in the water flea Daphnia under a population level approach (Munoz et al. 2016. Scientific Reports, 6: 28569, Munoz et al. In preparation. Ecological Applications)

Identify key words: Hydrobiology; Population biology; Phylogeny; Nature conservation

Field of management activity: Public Research Body

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

Department: Departamento de Ecología de Humedales, Estación Biológica de Doñana

City employing entity: Sevilla, Andalusia, Spain

Professional category: INVESTIGADOR EN **Educational Management (Yes/No):** No
FORMACION

Email: jordi@ebd.csic.es

Start-End date: 01/01/2010 - 31/12/2011 **Duration:** 2 years

Type of contract: Temporary employment contract

Dedication regime: Full time

Performed tasks: Analyses of feeding pattern in several mosquito species. Identification of blood pathogen protozoan. Writing of manuscripts related to host-vector-pathogen interactions (Alcaide M, Munoz J et al. 2014. Ecol. Evol., 4(6): 688-698; Munoz J et al. 2011. J. Med. Entomol., 48: 956-60;



Roiz D, Roussel M, Munoz J et al. 2012. *Am. J. Trop. Med. Hyg.*, 86: 642–648; Roiz D, Vazquez A, Rosa R, Munoz J et al. 2012. *J. Vector Ecol.*, 37: 20-28)

- 7** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Department: Departamento de Ecología de Humedales, Estación Biológica de Doñana
City employing entity: Sevilla, Andalusia, Spain
Professional category: Titulado Superior de Actividades Técnicas y Profesionales **Educational Management (Yes/No):** No
Email: jordi@ebd.csic.es
Start-End date: 26/06/2009 - 31/12/2009 **Duration:** 6 months
Type of contract: Temporary employment contract
Dedication regime: Full time
Performed tasks: Molecular analyses and characterization of MHC alleles in birds. Writing of manuscripts related to MHC diversity and immunological evolution in birds (Alcaide M, Munoz J et al. 2014. *Ecol. Evol.*, 4(6): 688-698; Gangoso L, Alcaide M, Grande JM, Munoz J et al. 2012. *J. Evol. Biol.*, 25: 1438-1447)
- 8** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Department: Departamento de Ecología de Humedales, Estación Biológica de Doñana
City employing entity: Sevilla, Andalusia, Spain
Professional category: Titulado Superior de Actividades Técnicas y Profesionales **Educational Management (Yes/No):** No
Email: jordi@ebd.csic.es
Start-End date: 12/02/2009 - 25/06/2009 **Duration:** 4 months - 13 days
Type of contract: Temporary employment contract
Dedication regime: Full time
Performed tasks: Identification, by genotyping, of samples of bustard carcasses (*Otis tarda*) found in the vicinity of the 400 kV electric line Cabra - Guadalquivir Medio, Córdoba.
- 9** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Department: Departamento de Ecología de Humedales, Estación Biológica de Doñana
City employing entity: Sevilla, Andalusia, Spain
Professional category: Titulado Superior de Actividades Técnicas y Profesionales **Educational Management (Yes/No):** No
Email: ciro@ebd.csic.es
Start-End date: 01/07/2008 - 30/09/2008 **Duration:** 3 months
Type of contract: Temporary employment contract
Dedication regime: Full time
Performed tasks: Analyses of mitochondrial and nuclear markers. Microsatellite development and genotyping of natural populations. Statistical analyses for population genetics, phylogeography and writing of manuscripts (Montero-Pau J, Gómez A, Munoz J. 2008. *Limnol. & Oceanogr.*: Methods, 6: 218-222; Munoz J et al. 2009. *Mol. Ecol. Res.*, 9(2): 547-550; Munoz J et al. 2010. *PLoS ONE*, 5(8): e11932; Munoz J et al. 2014. *Hydrobiologia*, 726(1): 25-41; Munoz J et al. 2013. *PeerJ*, 1: e200)
- 10** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Department: Departamento de Ecología de Humedales, Estación Biológica de Doñana
City employing entity: Sevilla, Andalusia, Spain
Professional category: Titulado Superior de Actividades Técnicas y Profesionales **Educational Management (Yes/No):** No

**Email:** ciro@ebd.csic.es**Start-End date:** 16/05/2007 - 30/06/2008**Duration:** 1 year - 1 month**Type of contract:** Temporary employment contract**Dedication regime:** Full time**Performed tasks:** Development of a library enriched in microsatellites specific to Artemia franciscana. Development of mitochondrial markers for inter-population analysis of Artemia franciscana. Development of TaqMan probes and TaqMan technique in real-time PCR to differentiate species of the Artemia genus. Management of specific 'software' for the genetic analysis of microsatellites, mitochondrial haplotypes and real-time PCR parameters.**11 Employing entity:** Consejo Superior de Investigaciones Científicas**Type of entity:** State agency**Department:** Departamento de Ecología de Humedales, Estación Biológica de Doñana**City employing entity:** Sevilla, Andalusia, Spain**Professional category:** Técnico Superior de Investigación y Laboratorio**Educational Management (Yes/No):** No**Email:** ajgreen@ebd.csic.es**Start-End date:** 15/03/2004 - 30/11/2006**Duration:** 2 years - 8 months - 15 days**Type of contract:** Temporary employment contract**Dedication regime:** Full time**Performed tasks:** Search and application of microsatellite and mitochondrial molecular markers in the autochthonous and invasive Artemia species (Crustacea, Anostraca).**12 Employing entity:** Consejo Superior de Investigaciones Científicas**Type of entity:** State agency**Department:** Laboratorio de Ecología Molecular (LEM-EBD), Estación Biológica de Doñana**City employing entity:** Sevilla, Andalusia, Spain**Professional category:** Técnico Superior de Investigación y Laboratorio**Educational Management (Yes/No):** No**Email:** godoy@ebd.csic.es; negro@ebd.csic.es**Start-End date:** 01/07/2002 - 28/02/2004**Duration:** 1 year - 7 months**Type of contract:** Temporary employment contract**Dedication regime:** Full time**Performed tasks:** Molecular analyses in the Molecular Ecology Laboratory that includes PCR techniques, allozyme electrophoresis, fingerprinting, cloning, editing and analysis of sequences and microsatellites.**13 Employing entity:** Consejo Superior de Investigaciones Científicas**Type of entity:** State agency**Department:** Grupo de Quirópteros (LEM-EBD), Estación Biológica de Doñana**City employing entity:** Sevilla, Andalusia, Spain**Professional category:** Técnico Superior de Investigación y Laboratorio**Educational Management (Yes/No):** No**Email:** ibanez@ebd.csic.es; juste@ebd.csic.es**Start-End date:** 01/02/2001 - 31/07/2002**Duration:** 1 year - 5 months**Type of contract:** Temporary employment contract**Dedication regime:** Full time**Performed tasks:** Extraction and sequencing of bat DNA.**14 Employing entity:** Consejo Superior de Investigaciones Científicas**Type of entity:** State agency**Department:** Grupo de Quirópteros (LEM-EBD), Estación Biológica de Doñana



City employing entity: Sevilla, Andalusia, Spain
Professional category: Ayudante de Laboratorio **Educational Management (Yes/No):** No
Email: ibanez@ebd.csic.es;juste@ebd.csic.es
Start-End date: 01/09/2000 - 31/01/2001 **Duration:** 5 months
Type of contract: Temporary employment contract
Dedication regime: Full time
Performed tasks: Extraction and sequencing of bat DNA.

- 15** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Department: Laboratorio de Ecología Molecular (LEM-EBD), Estación Biológica de Doñana
City employing entity: Sevilla, Andalusia, Spain
Professional category: Ayudante de Laboratorio **Educational Management (Yes/No):** No
Email: negro@ebd.csic.es
Start-End date: 01/02/1999 - 31/07/2000 **Duration:** 1 year - 5 months
Type of contract: Temporary employment contract
Dedication regime: Full time
Performed tasks: Molecular biology analysis for development of specific microsatellites of the Bearded Vulture (*Gypaetus barbatus*), preparation of reagents, electrophoresis and PCR reactions.
- 16** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Department: Laboratorio de Ecología Molecular (LEM-EBD), Estación Biológica de Doñana
City employing entity: Sevilla, Andalusia, Spain
Professional category: Titulado Superior en Biología **Educational Management (Yes/No):** No
Email: godoy@ebd.csic.es
Start-End date: 13/07/1998 - 12/12/1998 **Duration:** 5 months
Type of contract: Temporary employment contract
Dedication regime: Part time
Performed tasks: Maintenance of molecular ecology laboratory, preparation of reagents, identification of sex in birds through molecular techniques, electrophoresis and PCR reactions.
- 17** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Department: Laboratorio de Ecología Molecular (LEM-EBD), Estación Biológica de Doñana
City employing entity: Sevilla, Andalusia, Spain
Professional category: Titulado Superior en Biología **Educational Management (Yes/No):** No
Email: godoy@ebd.csic.es
Start-End date: 27/10/1997 - 31/12/1997 **Duration:** 2 months - 3 days
Type of contract: Temporary employment contract
Dedication regime: Part time
Performed tasks: Maintenance of the laboratory of molecular ecology, preparation of reagents, identification of sex in birds through molecular techniques, electrophoresis and PCR reactions.



Education

University education

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

University degree: Título Propio - Diploma de Especialización
Name of qualification: Diploma de Especialización en Análisis Bioinformático
City degree awarding entity: Sevilla, Andalusia, Spain
Degree awarding entity: Universidad Pablo de Olavide
Type of entity: University
Date of qualification: 01/07/2018
Average mark: Excellent
Standardised degree: No

Doctorates

Doctorate programme: Doctor en Biología
Degree awarding entity: Universidad de Sevilla
Type of entity: University
City degree awarding entity: Sevilla, Andalusia, Spain
Date of degree: 10/07/2009
DEA awarding entity: Universidad de Sevilla
Date DEA was awarded: 2006
European doctorate: No
Thesis title: IMPLICACIONES DE LA DISPERSION ACTUAL E HISTORICA PARA LA BIOLOGIA EVOLUTIVA Y CONSERVACION DE ARTEMIA Y OTROS INVERTEBRADOS ACUATICOS CON ESTADIO DE DIAPAUSA
Thesis director: Andy J Green
Thesis co-director: Ciro Rico
Obtained qualification: SOBRESALIENTE 'CUM LAUDE'
Recognition of quality: No
Special doctorate award: No
Standardised degree: No

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

- 1 Training title:** I Curso de Bioinformática con datos de secuenciación masiva
Awarding entity: Estación Biológica de Doñana
End date: 29/11/2019
Type of entity: State agency
Duration in hours: 40 hours
- 2 Type of training:** Course
Training title: Introduction to Next-Generation Sequencing: Applications in Ecology and Evolution. IV Edition
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: Universidad Rey Juan Carlos
Type of entity: University

**Training manager:** Alfredo García Fernández**End date:** 05/07/2019**Duration in hours:** 40 hours**3 Type of training:** Course**Training title:** Management, visualization and analysis of data in Ecology with R**City awarding entity:** Madrid, Community of Madrid, Spain**Awarding entity:** Real Jardín Botánico**Type of entity:** State agency**Training manager:** Esteban Manrique Reol**End date:** 11/12/2018**Duration in hours:** 30 hours**4 Type of training:** Course**Training title:** Python for Bioinformatic Analysis**City awarding entity:** Seville, Andalusia, Spain**Awarding entity:** Estación Biológica de Doñana**Type of entity:** State agency**Training manager:** Arturo Marín Alguacil**End date:** 23/11/2018**Duration in hours:** 20 hours**5 Type of training:** Course**Training title:** Linux for Bioinformatic Analysis**City awarding entity:** Seville, Andalusia, Spain**Awarding entity:** Estación Biológica de Doñana**Type of entity:** State agency**Training manager:** Arturo Marín Alguacil**End date:** 12/07/2018**Duration in hours:** 12 hours**6 Type of training:** Course**Training title:** NGS for evolutionary biologists: from basic scripting to variant calling**City awarding entity:** Naples, Italy**Awarding entity:** National Research Council (CNR),
ELIXIR-ITALY**Type of entity:** State agency**Training manager:** Allegra Via**End date:** 06/05/2016**7 Type of training:** Course**Training title:** Integrative taxonomy and taxonomic expertise: DNA barcodes in the genomic era**City awarding entity:** Paris, France**Awarding entity:** Natural History Museum of Paris
(MNHN)**Type of entity:** State agency**Training manager:** Sarah Samadi**End date:** 11/03/2016**Duration in hours:** 225 hours**Language skills**

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



Teaching experience

General teaching experience

Type of teaching: International teaching

Type of programme: Bachelor's degree

Type of subject: Optional

University degree: Postdoctoral Researcher

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 4

Entity: Aalborg University (AAU)

Faculty, institute or centre: Dept. of Chemistry and Bioscience

Department: Dept. of Chemistry and Bioscience

City of entity: Aalborg, Denmark

Type of teaching: In person theory

Type of entity: University

Experience supervising doctoral thesis and/or final year projects

- 1 Project title:** Seasonal and environmental factors involved in Plasmodium sp. Transmission of a jackdaw, Corvus monedula, population

Type of project: Master

Co-director of thesis: Jordi Figuerola

Entity: Universidad Internacional Menéndez Pelayo

City of entity: Sevilla, Andalusia, Spain

Student: Carlos Marfil Daza

Date of reading: 26/09/2011

Type of entity: University
- 2 Project title:** Diet overlap between the moose and the red deer

Type of project: End of course project

Entity: Aalborg University (AAU)

City of entity: Aalborg, Denmark

Student: Martina Bevilacqua

Type of entity: University
- 3 Project title:** Diet overlap between the moose and the red deer

Type of project: End of course project

Entity: Aalborg University (AAU)

City of entity: Aalborg, Denmark

Student: Stefania Lionello

Type of entity: University
- 4 Project title:** Elucidating the optimal range of salinity and light as hatching cues for Daphnia pulex and Artemia franciscana

Type of project: End of course project

Entity: University of Oklahoma (OU)

City of entity: Norman, United States of America

Student: Frank W. Speer

Type of entity: University



- 5** **Project title:** Using a next-generation-sequencing approach to reveal fox and badger diet from Danish populations
Type of project: End of course project
Entity: Aalborg University (AAU)
City of entity: Aalborg, Denmark
Student: Louise Nørgaard
- 6** **Project title:** Telomere length in Spanish griffon vulture (*Gyps fulvus*) populations, as part of ERASMUS Programme
Entity: Estación Biológica de Doñana **Type of entity:** State agency
Student: Jamie Graham
- 7** **Project title:** Telomere length in Spanish griffon vulture (*Gyps fulvus*) populations, as part of ERASMUS Programme
Entity: Estación Biológica de Doñana **Type of entity:** State agency
Student: Tom Balague

Healthcare experience

Other activities/achievements not included above

Other relevant activities: Developing experiments for studies on cardiovascular physiology in laboratory animals (pig, rabbit and rat)
Entity where project took place: Hospital Universitario **Type of entity:** Healthcare Institutions
 Virgen del Rocío
City of entity: Sevilla, Andalusia, Spain
Organizing entity: FUNDACION PUBLICA ANDALUZA PARA LA GESTION DE LA INVESTIGACION EN SALUD DE SEVILLA
End date: 2000 **Start date:** 1997

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:** ADAPT-ENVGENOME: Environmental adaptation of the genome_A Daphnia model under cultural eutrophication
Identify key words: Other invertebrate culture; Hydrobiology; Population biology; Phylogeny
Type of project: Research and development, **Geographical area:** INTERNACIONAL
 including transfer
Degree of contribution: Researcher
Entity where project took place: Estación Biológica **Type of entity:** State agency
 de Doñana
City of entity: Sevilla, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Joaquin Muñoz Garcia; Lawrence Weider; Andy J Green
Nº of researchers: 3 **Nª people/year:** 3



Type of participation: POSTDOCTORAL A CARGO DEL PROYECTO

Name of the programme: Marie Curie Actions - PEOPLE

Code according to the funding entity: 271485

Start-End date: 01/02/2012 - 31/01/2015

Duration: 3 years

Participating entity/entities: Consejo Superior de Investigaciones Científicas; University of Oklahoma

Total amount: 301.843,8 €

Dedication regime: Full time

Applicant's contribution: Coordinacion científico-tecnica, desarrollo de experimentos, obtencion de datos, analisis de resultados, presentacion en congresos, diseminacion de la informacion segun requerimiento de la Union Europea (Marie Curie Actions), escritura de articulos científicos.

2 Name of the project: ESF_Exchange Grants

Type of project: Precompetitive development

Geographical area: European Union

Degree of contribution: Researcher

Entity where project took place: KU Leuven

Type of entity: University

City of entity: Leuven, Belgium

Name principal investigator (PI, Co-PI...): Joaquin Muñoz; Luc De Meester

Nº of researchers: 2

Nª people/year: 2

Funding entity or bodies:

European Science Fundation (ESF)

Type of entity: Fundacion para la Ciencia Europea

Type of participation: Co-ordinator

Name of the programme: ConGenOmics. ESF-Exchange Grant

Code according to the funding entity: 4810

Start-End date: 01/09/2014 - 05/10/2014

Duration: 1 month - 7 days

Total amount: 2.400 €

Sub-project amount: 2.400 €

Percentage as grant: 100

Relevant results: Envio de manuscrito describiendo las rutas fisiologicas potencialmente afectadas por seleccion en ambientes/lagos de alto contenido en Fosforo/Eutrofizacion.

Dedication regime: Full time

Applicant's contribution: LANDSCAPE GENOMICS IN THE WATER FLEA, DAPHNIA

3 Name of the project: EUROWESTNILE

Type of project: Precompetitive development

Geographical area: European Union

Degree of contribution: Researcher

Entity where project took place: Estación Biológica de Doñana

Type of entity: State agency

City of entity: Sevilla, Andalusia, Spain

Name principal investigator (PI, Co-PI...): Ramon C Soriguer

Nº of researchers: 20

Nª people/year: 20

Type of participation: Others

Name of the programme: Unión Europea: 7º Programa Marco

Code according to the funding entity: 261391

Start-End date: 01/01/2011 - 31/12/2013

Duration: 3 years

Relevant results: - Muñoz, J., Eritja, R., Alcaide, M., Montalvo, T., Soriguer, R., Figuerola, J. (2011). Host feeding patterns of native *Culex pipiens* and invasive *Aedes albopictus* mosquitoes (Diptera: Culicidae) in urban zones from Barcelona, Spain. *J. Med. Entomol.* 48: 956-60; - Muñoz, J., Ruiz, S., Soriguer, R., Alcaide, M., Viana, D.S., Roiz, D., Figuerola, J. (2012). Feeding patterns of potential West Nile Virus vectors in south-west Spain. *PLoS ONE*, 7(6): e39549. doi:10.1371/journal.pone.0039549; - Roiz, D., Roussel, M., Muñoz, J., Ruiz, S., Soriguer, R., Figuerola, J. (2012). Efficacy of mosquito traps for collection of potential West Nile mosquito vectors in a natural wetland. *Am. J. Trop. Med. Hyg.* 86:642-8. doi:10.4269/ajtmh.2012.11-0326; - Roiz, D., Vazquez, A., Rosa, R., Muñoz, J., Arnoldi, D., Rosso, F., Figuerola, J., Tenorio, A., Rizzoli, A. (2012). Blood meal analysis, flavivirus screening and influence



of meteorological variables on the dynamics of potential mosquito vectors of West Nile virus in Trentino (Northern Italy). *J. Vector Ecol.* 37:20-8. doi: 10.1111/j.1948-7134.2012.00196.x; - Ferraguti, M., Martínez-de la Puente, J., Muñoz, J., Roiz, D., Ruiz, S., Soriguer, R., Figuerola, J. (2013). Avian Plasmodium in Culex and Ochlerotatus Mosquitoes from Southern Spain: Effects of Season and Host-Feeding Source on Parasite Dynamics. *PLoS ONE* 8(6): e66237. doi:10.1371/journal.pone.0066237.

Dedication regime: Part time

Applicant's contribution: Identificación de sangre de vertebrados en abdomen de mosquitos a escala regional, nacional y europea para conocer los factores ambientales que afectan a la transmisión de enfermedades emergente en poblaciones naturales.

4 Name of the project: Dinámica de transmisión de tres patógenos de evolución rápida: factores ambientales y características individuales

Type of project: Precompetitive development

Geographical area: National

Degree of contribution: Technician

Entity where project took place: Estación Biológica de Doñana **Type of entity:** State agency

City of entity: Sevilla, Andalusia, Spain

Name principal investigator (PI, Co-PI....): Jordi Figuerola

Nº of researchers: 5

Nª people/year: 5

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: Ministerio

City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Others

Name of the programme: Plan Nacional

Code according to the funding entity: CGL2009-11445

Start-End date: 01/2010 - 01/2013

Duration: 3 years

Dedication regime: Full time

Applicant's contribution: Identificación de protozoos sanguíneos (Plasmodium, Haemoproteus) en focha común (*Fulica atra*) y diversidad en genes del complejo de histocompatibilidad (MHC) para relacionar la supervivencia y fitness de las poblaciones con la carga parasitaria.

5 Name of the project: Estudio de la red de transmisión de un virus emergente: las interacciones huésped (Aves)-vector (Mosquitos)-patógenos (Flavivirus-virus West Nile) en Doñana

Type of project: Precompetitive development

Geographical area: Regional

Degree of contribution: Technician

Entity where project took place: Estación Biológica de Doñana **Type of entity:** State agency

City of entity: Sevilla, Andalusia, Spain

Name principal investigator (PI, Co-PI....): Jordi Figuerola

Nº of researchers: 5

Nª people/year: 5

Funding entity or bodies:

Consejería de Innovación

Type of entity: Junta de Andalucía

City funding entity: Sevilla, Andalusia, Spain

Type of participation: Others

Name of the programme: Proyectos de Excelencia

Code according to the funding entity: P07-RNM-02511

Start-End date: 01/2008 - 01/2012

Duration: 4 years

Dedication regime: Full time

Applicant's contribution: Identificación de hospedadores (vertebrados) a través de sangre acumulada en abdomen de mosquitos (vectores) para el análisis de la transmisión de protozoos sanguíneos del tipo Plasmodium (patógenos). Análisis de datos y escritura de manuscritos para publicaciones científicas e informes anuales.



- 6** **Name of the project:** ESF_Exchange Grants
Type of project: Precompetitive development **Geographical area:** European Union
Degree of contribution: Researcher
Entity where project took place: University of Hull **Type of entity:** University
City of entity: Hull, South Yorkshire, United Kingdom
Name principal investigator (PI, Co-PI....): Joaquin Muñoz; Africa Gómez
Nº of researchers: 2 **Nª people/year:** 2
Funding entity or bodies:
European Science Fundation (ESF) **Type of entity:** Fundacion para la Ciencia Europea
Type of participation: Co-ordinator
Name of the programme: ConGenOmics. ESF-Exchange Grant
Code according to the funding entity: 3646
Start-End date: 14/11/2011 - 18/12/2011 **Duration:** 1 month - 7 days
Total amount: 2.500 € **Sub-project amount:** 2.500 €
Percentage as grant: 100
Relevant results: Publicacion articulo Muñoz et al. (<https://peerj.com/articles/200/>)
Dedication regime: Full time
Applicant's contribution: Knowledge transfer relating to genomic approximations to the study of zooplanktonic organisms
- 7** **Name of the project:** Diversidad genética, mecanismos de expansión y el efecto invasor de la especie exótica Artemia franciacana en la Península Ibérica y otros países Mediterráneos
Type of project: Precompetitive development **Geographical area:** National
Degree of contribution: Researcher
Entity where project took place: Estación Biológica **Type of entity:** State agency de Doñana
City of entity: Sevilla, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Andy J Green
Nº of researchers: 6 **Nª people/year:** 5
Funding entity or bodies:
MINISTERIO DE EDUCACION Y CIENCIA
City funding entity: Spain
Type of participation: Others
Name of the programme: Plan Nacional de I+D+I
Code according to the funding entity: CGL2006-05085
Start-End date: 01/10/2006 - 30/09/2010 **Duration:** 4 years
Total amount: 84.743,09 €
Relevant results: Tesis Doctoral, Articulos científicos, Capítulos de libro, Conferencias y Congresos
Dedication regime: Full time
Applicant's contribution: Desarrollo de Tesis Doctoral, coordinacion científico-tecnica, analisis de datos y escritura de articulos científicos

Scientific and technological activities

Scientific production

H index: 19

Date of application: 03/06/2021

Fuente de Índice H: WOS

Publications, scientific and technical documents

- 1** Palle Duun Rohde; Torsten Nygaard Kristensen; Pernille Sarup; Joaquin Muñoz; Anders Malmendal. Prediction of complex phenotypes using the *Drosophila melanogaster* metabolome. *Heredity*. 126, pp. 717 - 732. Nature, 28/01/2021. Available on-line at: <<https://www.nature.com/articles/s41437-021-00404-1>>. ISSN 1365-2540
DOI: 10.1038/S41437-021-00404-1
Type of production: Scientific paper
Position of signature: 4
Total no. authors: 5
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
Corresponding author: Yes
Citations: 0
- 2** Mads F Schou; Jesper Bechsgaard; Joaquin Muñoz; Torsten N Kristensen. Genome-wide regulatory deterioration impedes adaptive responses to stress for inbred populations of *Drosophila melanogaster*. *Evolution*. IN PRESS, 2018. Available on-line at: <<https://onlinelibrary.wiley.com/doi/abs/10.1111/evo.13497>>. ISSN 1558-5646
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 4
Relevant publication: Yes
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
- 3** Michael Ørsted; Anders Malmendal; Joaquin Muñoz; Torsten N. Kristensen. Metabolic and functional phenotypic profiling reveal reduced sex differentiation under stressful environmental conditions in *Drosophila melanogaster*. *Biological Journal of the Linnean Society B*. 123, pp. 155 - 162. Oxford University Press, 2018. Available on-line at: <<https://academic.oup.com/biolinnean/advance-article/doi/10.1093/biolinnean/blx120/4578128>>. ISSN 0024-4066
DOI: 10.1093/biolinnean/blx120
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 1.984
Relevant publication: Yes
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
- 4** Joaquin Muñoz Garcia; Anurag Chaturvedi; Luc De Meester; Lawrence J Weider. Characterization of genome-wide SNPs for the water flea *Daphnia pulex* generated by genotyping-by-sequencing (GBS). *Scientific Reports*; ISSN: 2045-2322. 6, pp. 28569. Nature, 2016. ISSN 2045-2322
DOI: 10.1038/srep28569



Type of production: Scientific paper
Position of signature: 1

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 5.578

Position of publication: 5

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: Multidisciplinary

Journal in the top 25%: Yes

No. of journals in the cat.: 57

- 5** Joaquin Muñoz Garcia; Africa Gómez; Jordi Figuerola; Francisco Amat; Ciro Rico; Andy J Green. Colonization and dispersal patterns of the invasive American brine shrimp *Artemia franciscana* (Branchiopoda: Anostraca) in the Mediterranean region. *Hydrobiologia*. 726, pp. 25 - 41. 2014. Available on-line at: <<http://link.springer.com/article/10.1007%2Fs10750-013-1748-6>>. ISSN 0018-8158

DOI: 10.1007/s10750-013-1748-6

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 2.275

Position of publication: 25

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

Corresponding author: Yes

Category: MARINE & FRESHWATER BIOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 103

Citations: 5

- 6** Martina Ferraguti; Josué Martínez de la Puente; Joaquin Muñoz Garcia; David Roiz; Santiago Ruiz; Ramon C Sorriquer; Jordi Figuerola. Avian Plasmodium in *Culex* and *Ochlerotatus* mosquitoes from Southern Spain: effects of season and host feeding source on parasite dynamics. *PLoS ONE*. 8 - 6, pp. e66237. 2013. ISSN 1932-6203

DOI: 10.1371/journal.pone.0066237

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 3.234

Position of publication: 9

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

Corresponding author: No

Category: Science Edition - MULTIDISCIPLINARY SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 57

Citations: 9

- 7** Joaquin Muñoz Garcia; Francisco Amat; Andy J Green; Jordi Figuerola; Africa Gómez. Bird migratory flyways influence the phylogeography of the invasive brine shrimp *Artemia franciscana* in its native American range. *PeerJ*. 1, pp. e200. 2013. ISSN 2167-8359

DOI: 10.7717/peerj.200

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 5

Impact source: ISI

Format: Journal

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

Corresponding author: Yes

Category: Science Edition - MULTIDISCIPLINARY SCIENCES



Impact index in year of publication: 2.112
Position of publication: 13

Source of citations: Web de la Revista:
<https://peerj.com/articles/200/>

Relevant publication: Yes

Journal in the top 25%: Yes
No. of journals in the cat.: 57

Citations: 6

- 8** Laura Gangoso; Miguel Alcaide Torres; Juan M Grande; Joaquin Muñoz Garcia; Sara L Talbot; Sonsthagen SA; Sage GK; Jordi Figuerola. Colonizing the world in spite of reduced MHC variation. *Journal of Evolutionary Biology*. 25 - 7, pp. 1438 - 1447. 2012. ISSN 1010-061X

DOI: 10.1111/j.1420-9101.2012.02529.x

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 3.232

Position of publication: 38

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

Corresponding author: No

Category: Ecology

Journal in the top 25%: No

No. of journals in the cat.: 146

Citations: 15

- 9** David Roiz; Roussel M; Joaquin Muñoz Garcia; Santiago Ruiz; Ramon C Soriguer; Jordi Figuerola. Efficacy of mosquito traps for collecting potential West Nile mosquito vectors in a natural Mediterranean wetland. *The American Journal of Tropical Medicine and Hygiene*. 86 - 4, pp. 642 - 648. 2012. ISSN 0002-9637

DOI: 10.4269/ajtmh.2012.11-0326

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 2.699

Position of publication: 3

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

Corresponding author: No

Category: Science Edition - TROPICAL MEDICINE

Journal in the top 25%: Yes

No. of journals in the cat.: 20

Citations: 15

- 10** Joaquin Muñoz Garcia; Santiago Ruiz; Ramon C Soriguer; Miguel Alcaide Torres; Duarte S Viana; David Roiz; Jordi Figuerola. Feeding patterns of potential West Nile virus transmission vectors in Southwest Spain. *PLoS ONE*. 7 - 6, pp. e39549. 2012. ISSN 1932-6203

DOI: 10.1371/journal.pone.0039549

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 3.234

Position of publication: 9

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

Corresponding author: Yes

Category: Science Edition - MULTIDISCIPLINARY SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 57

Citations: 27



- 11** Joaquin Muñoz Garcia; Roger Eritja; Miguel Alcaide; Tomas Montalvo; Ramon C Soriguer; Jordi Figuerola. Host-feeding patterns of native *Culex pipiens* and invasive *Aedes albopictus* mosquitoes (Diptera: Culicidae) in urban zones from Barcelona, Spain. *Journal of Medical Entomology*. 48 - 4, pp. 956 - 960. 2011. ISSN 0022-2585
DOI: 10.1603/ME11016
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 1.953
Position of publication: 14
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
Corresponding author: Yes
Category: Science Edition - ENTOMOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 92
Citations: 14
- 12** Joaquin Muñoz Garcia. Diversity and distribution of diapausing aquatic invertebrates in inland wetlands: An ecosystem conservation viewpoint. *Journal for Nature Conservation*. 18 - 1, pp. 55 - 62. 2010. ISSN 1617-1381
DOI: 10.1016/j.jnc.2009.02.006
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 1
Impact source: ISI
Impact index in year of publication: 1.646
Position of publication: 19
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
Corresponding author: Yes
Category: Science Edition - BIODIVERSITY CONSERVATION
Journal in the top 25%: No
No. of journals in the cat.: 44
Citations: 2
- 13** Joaquin Muñoz Garcia; Africa Gómez; Andy J Green; Jordi Figuerola; Francisco Amat; Ciro Rico. Evolutionary origin and phylogeography of the diploid obligate parthenogen *Artemia parthenogenetica* (Branchiopoda: Anostraca). *PLoS ONE*. 5 - 8, pp. e1932. 2010. ISSN 1932-6203
DOI: e11932 10.1371/journal.pone.0011932
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 3.234
Position of publication: 9
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
Corresponding author: Yes
Category: Science Edition - MULTIDISCIPLINARY SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 57
Citations: 19
- 14** Joaquin Muñoz Garcia; Pacios F. Global biodiversity and geographical distribution of diapausing aquatic invertebrates: The case of the cosmopolitan brine shrimp *Artemia* (Branchiopoda: Anostraca). *Crustaceana*. 83 - 4, pp. 465 - 480. 2010. ISSN 0011-216X
DOI: 10.1163/001121610x489449
Type of production: Scientific paper
Format: Journal



Position of signature: 1

Total no. authors: 2

Impact source: ISI

Impact index in year of publication: 0.473

Position of publication: 95

Source of citations: WOS

Relevant publication: Yes

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

Corresponding author: Yes

Category: Science Edition - MARINE & FRESHWATER BIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 103

Citations: 12

- 15** Joaquin Muñoz Garcia; Andy J Green; Jordi Figuerola; Francisco Amat; Ciro Rico. Characterization of polymorphic microsatellite markers in the brine shrimp *Artemia* (Branchiopoda, Anostraca). *Molecular Ecology Resources*. 9, pp. 547 - 550. 2009. ISSN 1755-098X

DOI: 10.1111/j.1755-0998.2008.02360.x

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 3.712

Position of publication: 30

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

Corresponding author: Yes

Category: Ecology

Journal in the top 25%: Yes

No. of journals in the cat.: 145

Citations: 7

- 16** Miguel Alcaide Torres; Ciro Rico; Santiago Ruiz; Ramon C Soriguer; Joaquin Muñoz Garcia; Jordi Figuerola. Disentangling vector-borne transmission networks: a universal DNA barcoding method to identify vertebrate hosts from arthropod bloodmeals. *PLoS ONE*. 4 - 9, pp. e7092. 2009. ISSN 1932-6203

DOI: e7092 10.1371/journal.pone.0007092

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 3.234

Position of publication: 9

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

Corresponding author: No

Category: Science Edition - MULTIDISCIPLINARY SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 57

Citations: 42

- 17** Javier Juste Ballesta; Bilgin R; Joaquin Muñoz Garcia; Carlos Ibáñez. Mitochondrial DNA signatures at different spatial scales: from the effects of the Straits of Gibraltar to population structure in the meridional serotine bat (*Eptesicus isabellinus*). *Heredity*. 103, pp. 178 - 187. 2009. ISSN 0018-067X

DOI: 10.1038/hdy.2009.47

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 3.805

Format: Journal

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

Corresponding author: No

Category: Science Edition - ECOLOGY

Journal in the top 25%: Yes



Position of publication: 28

Source of citations: WOS

Relevant publication: Yes

No. of journals in the cat.: 145

Citations: 16

- 18** Javier Montero Pau; Africa Gómez; Joaquin Muñoz Garcia. Application of an inexpensive and high-throughput genomic DNA extraction method for the molecular ecology of zooplanktonic diapausing eggs. *Limnology and Oceanography: Methods*. 6, pp. 218 - 222. 2008. ISSN 1541-5856

DOI: 10.4319/lom.2008.6.218

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 3

Impact source: ISI

Impact index in year of publication: 2.254

Position of publication: 4

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

Corresponding author: No

Category: Science Edition - LIMNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 20

Citations: 61

- 19** Juan Arroyo; Abelardo Aparicio; Rafael Albadalejo; Joaquin Muñoz Garcia; Rita Braza. Genetic structure and population differentiation of the Mediterranean pioneer spiny broom *Calicotome villosa* across the Strait of Gibraltar. *Biological Journal of the Linnean Society*. 93, pp. 39 - 51. 2008. ISSN 0024-4066

DOI: 10.1111/j.1095-8312.2007.00916.x

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 2.264

Position of publication: 32

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

Corresponding author: No

Category: Science Edition - EVOLUTIONARY BIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 46

Citations: 14

- 20** Cino Pertoldi; Joaquin Muñoz Garcia; Madsen AB; Barker JSF; Andersen DH; Baagoe HJ; Birch M; Volker Loeschcke. Genetic variability in the mitochondrial DNA of the Danish Pine marten. *Journal of Zoology*. 276, pp. 168 - 175. 2008. ISSN 0952-8369

DOI: 10.1111/j.1469-7998.2008.00432.x

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 1.883

Position of publication: 37

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

Corresponding author: No

Category: Science Edition - ZOOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 154

Citations: 3



- 21** Joaquin Muñoz Garcia; Africa Gómez; Andy J Green; Jordi Figuerola; Francisco Amat; Ciro Rico. Phylogeography and local endemism of the native Mediterranean brine shrimp *Artemia salina* (Branchiopoda: Anostraca). *Molecular Ecology*. 17, pp. 3160 - 3177. 2008. ISSN 0962-1083
DOI: 10.1111/j.1365-294X.2008.03818.x
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 6.494
Position of publication: 5
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
Corresponding author: Yes
Category: Science Edition - EVOLUTIONARY BIOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 46
Citations: 60
- 22** Catalina Monzón Argüello; Joaquin Muñoz Garcia; Adolfo Marco; Felipe López Jurado; Ciro Rico. Twelve new polymorphic microsatellite markers from the loggerhead sea turtle (*Caretta caretta*) and cross-species amplification on other marine turtle species. *Conservation Genetics*. 9, pp. 1045 - 1049. 2008. ISSN 1877-7252
DOI: 10.1007/s10592-007-9446-4
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 1.172
Position of publication: 23
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
Corresponding author: No
Category: Science Edition - BIODIVERSITY CONSERVATION
Journal in the top 25%: No
No. of journals in the cat.: 44
Citations: 10
- 23** Joaquin Muñoz Garcia. Biodiversity conservation including uncharismatic species. *Biodiversity and Conservation*. 16, pp. 2233 - 2235. 2007. ISSN 0960-3115
DOI: 10.1007/s10531-006-9147-1
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 1
Impact source: ISI
Impact index in year of publication: 2.365
Position of publication: 14
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 - BIODIVERSITY CONSERVATION
Journal in the top 25%: No
No. of journals in the cat.: 44
Citations: 8
- 24** Juste J; Ibáñez C; Muñoz J; Trujillo D; Benda P; Karatas A; Ruedi M. Mitochondrial phylogeography of the long-eared bat (*Plecotus*) in the Mediterranean Palaeartic and Atlantic Islands. *Molecular Phylogenetics and Evolution*. 31 - 3, pp. 1114 - 1126. 2004. ISSN 1055-7903
DOI: 10.1016/j.ympev.2003.10.005
Type of production: Scientific paper
Position of signature: 3
Format: Journal



Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 3.916

Position of publication: 10

Source of citations: WOS

Relevant publication: Yes

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

Corresponding author: No

Category: Science Edition - EVOLUTIONARY BIOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 46

Citations: 61

- 25** Javier Juste Ballesta; Domingo Trujillo; Joaquin Muñoz Garcia; Manuel Ruedi. Phylogeography of Barbastelle bats (*Barbastella barbastellus*) in the western Mediterranean and the Canary Islands. *Acta Chiropterologica*. 5 - 2, pp. 165 - 175. 2003. ISSN 1508-1109

DOI: 10.3161/001.005.0201

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 1.133

Position of publication: 70

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

Corresponding author: No

Category: Science Edition - ZOOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 154

Citations: 11

- 26** Laura Gangoso; Ainara Cortés Avizanda; A Sergiel; B Pudifoot; Francisco Miranda; Joaquin Muñoz; A Delgado González; M Moleón; JA Sánchez Zapata; Eneko Arrondo; José Antonio Donázar. Avian scavengers living in anthropized landscapes have shorter telomeres and higher levels of glucocorticoid hormones. *Science of the Total Environment*. 782, pp. 146920. ELSEVIER, 15/08/2021. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S0048969721019902#>>. ISSN 0048-9697

DOI: 10.1016/j.scitotenv.2021.146920

Type of production: Scientific paper

Position of signature: 6

Total no. authors: 10

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

Corresponding author: No

Citations: 0

- 27** Laura Iacolina; Astrid V Stronen; Cino Pertoldi; Ma?gorzata Tokarska; Louise S Nørgaard; Joaquin Muñoz; Anders Kjærsgaard; Aritz Ruiz-Gonzalez; Stanis?aw Kami?ski; Deirdre C. Purfield. Novel graphical analyses of runs of homozygosity among species and livestock breed. *International Journal of Genomics*. 2016 - 2152847, pp. 1 - 8. (United States of America): HINDAWI PUBLISHING CORP., 2016. Available on-line at: <<https://www.hindawi.com/journals/ijg/2016/2152847/>>. ISSN 2314-436X

Type of production: Scientific paper

Position of signature: 6

Total no. authors: 10

Impact source: ISI

Impact index in year of publication: 1.830

Position of publication: 122

Source of citations: WOS

Format: Journal

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

Corresponding author: No

Category: Science Edition - GENETICS & HEREDITY

Journal in the top 25%: No

No. of journals in the cat.: 166

Citations: 0



- 28** Josué Martínez de la Puente; Joaquin Muñoz; Gioia Capelli; Fabrizio Montarsi; Ramon Soriguer; Daniele Arnoldi; Annapaola Rizzoli; Jordi Figuerola. Avian malaria parasites in the last supper: identifying encounters between parasites and the invasive Asian mosquito tiger and native mosquito species in Italy. *Malaria Journal*. 14 - 1, pp. 32. 2015. Available on-line at: <<http://www.malariajournal.com/content/14/1/32/abstract>>. ISSN 1475-2875
DOI: 10.1186/s12936-015-0571-0
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 8
Impact source: ISI
Impact index in year of publication: 3.109
Position of publication: 2
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: Science Edition - TROPICAL MEDICINE
Journal in the top 25%: Yes
No. of journals in the cat.: 20
- 29** Rafael Gutiérrez López; Laura Gangoso; Josué Martínez de la Puente; Jakob Fric; Pascual López López; Mélanie Mailleux; Joaquin Muñoz; Boudjema Samraoui; Laïd Touati; Jordi Figuerola. Low prevalence of blood parasites in a long-distance migratory raptor: the importance of host habitat. *Parasites & Vectors*. 8, pp. 189. (United Kingdom): 2015. ISSN 1756-3305
DOI: 10.1186/s13071-015-0802-9
Type of production: Scientific paper
Position of signature: 7
Total no. authors: 10
Impact source: ISI
Impact index in year of publication: 3.43
Position of publication: 7
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: Parasitology
Journal in the top 25%: Yes
No. of journals in the cat.: 36
- 30** Annapaola Rizzoli; Luca Bolzoni; Elizabeth Chadwick; Gioia Capelli; Montarsi Fabrizio; Michela Grisenti; Josue Martínez de la Puente; Joaquin Muñoz; Jordi Figuerola; Ramon Soriguer; Gianfranco Anfora; Marco Di Luca; Roberto Rosa. Understanding West Nile virus ecology in Europe: *Culex pipiens* host feeding preference in a hotspot of virus emergence. *Parasites & Vectors*. 8, pp. 213. 2015. ISSN 1756-3305
DOI: 10.1186/s13071-015-0831-4
Type of production: Scientific paper
Position of signature: 8
Total no. authors: 13
Impact source: ISI
Impact index in year of publication: 3.43
Position of publication: 7
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: Parasitology
Journal in the top 25%: Yes
No. of journals in the cat.: 36
Citations: 3
- 31** Miguel Alcaide Torres; Joaquin Muñoz Garcia; Josué Martínez de la Puente; Ramon C Soriguer; Jordi Figuerola. Extraordinary MHC class II β diversity in a non-passerine, wild bird: the Eurasian coot *Fulica atra* (Aves: Rallidae). *Ecology and Evolution*. 4 - 6, pp. 688 - 698. 2014. ISSN 2045-7758
DOI: 10.1002/ece3.974
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 5
Impact source: ISI
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: Ecology



Impact index in year of publication: 2.32
Position of publication: 63

Source of citations: WOS

Journal in the top 25%: No
No. of journals in the cat.: 145

Citations: 6

- 32** Cino Pertoldi; Kelly Elschot; Lous van de Zande; Andrzej Zalewski; Joaquin Muñoz; Aritz Ruiz-Gonzalez; Aksel Bo Madsen; Volker Loeschcke; Arjen de Groot; Rob Bijlsma. Genetic variability of Central-Western European pine marten (*Martes martes*) populations. *Acta Theriologica*. 59, pp. 503 - 510. 2014. ISSN 0001-7051

DOI: 10.1007/s13364-014-0196-7

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 10

Impact source: ISI

Impact index in year of publication: 1.2

Position of publication: 66

Format: Journal

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

Corresponding author: No

Category: Science Edition - ZOOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 154

- 33** Guillermo López; Joaquin Muñoz Garcia; Ramon C Soriguer; Jordi Figuerola. Increased endoparasite infection in late-arriving individuals of a trans-Saharan passerine migrant bird. *PLoS ONE*. 8 - 4, pp. e61236. 2013. ISSN 1932-6203

DOI: 10.1371/journal.pone.0061236

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 3.234

Position of publication: 9

Source of citations: WOS

Format: Journal

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

Corresponding author: No

Category: Science Edition - MULTIDISCIPLINARY SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 57

Citations: 2

- 34** David Roiz; Ana Vázquez; Rosà R; Joaquin Muñoz Garcia; Daniele Arnoldi; Fausta Roso; Jordi Figuerola; Antonio Tenorio; Annapaola Rizzoli. Blood meal analysis, flavivirus screening and influence of meteorological variables on the dynamics of potential mosquito vectors of West Nile virus in Trentino (Northern Italy). *Journal of Vector Ecology*. 37 - 1, pp. 20 - 28. 2012. ISSN 1081-1710

DOI: 10.1111/j.1948-7134.2012.00196.x

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 1.172

Position of publication: 36

Source of citations: WOS

Format: Journal

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

Corresponding author: No

Category: Science Edition - ENTOMOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 92

Citations: 10

- 35** Cino Pertoldi; Barker SF; Madsen AB; Horgensen H; Ettore Randi; Joaquin Muñoz Garcia; Baagoe HJ; Volker Loeschcke. Spatio-temporal population genetics of the Danish pine marten (*Martes martes*). *Biological Journal of the Linnean Society*. 93, pp. 457 - 464. 2008. ISSN 0024-4066

DOI: 10.1111/j.1095-8312.2007.00892.x

Type of production: Scientific paper

Format: Journal



Position of signature: 6

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 2.264

Position of publication: 32

Source of citations: WOS

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

Corresponding author: No

Category: Science Edition - EVOLUTIONARY BIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 46

Citations: 10

- 36** Cino Perdoldi; Juan José Negro; Muñoz J; Barbanera F; Garrido H. Introduction or reintroduction? Last resorts for the latest bird to become extinct in Europe, the Andalusian hemipode *Turnix sylvatica sylvatica*. *Biodiversity and Conservation*. 15, pp. 3895 - 3908. 2006. ISSN 0960-3115

DOI: 10.1007/s10531-005-1875-0

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 2.365

Position of publication: 14

Format: Journal

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

Corresponding author: No

Category: Science Edition - BIODIVERSITY CONSERVATION

Journal in the top 25%: No

No. of journals in the cat.: 44

- 37** Antonio Ordóñez Fernández; Hernández-Fernández A; Borrego-Domínguez JM; Guitiérrez-Carretero E; Joaquin Muñoz Garcia; Prieto-Rodríguez MF; Viloría-Peñas MM. Coronary vasomotor disorders during Hypoxia-Reoxygenation. Do calcium channel blockers play a protective role?. *Research in Experimental Medicine*. 199 - 6, pp. 319 - 331. 2000.

Type of production: Scientific paper

Position of signature: 5

Format: Journal

Degree of contribution: Author or co-author of article in journal without external admissions assessment committee

- 38** Gutiérrez-Carretero E; Bello-Puentes R; Borrego-Domínguez JM; Hernández-Fernández A; Joaquin Muñoz Garcia; Prieto-Rodríguez MF; Antonio Ordóñez Fernández. Criopreservación cardíaca a temperatura subcero: estudio de la función sistólica y diastólica. *Revista Española de Cardiología*. 53, pp. 1189 - 1194. 2000. ISSN 0300-8932

Type of production: Scientific paper

Position of signature: 5

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 4.485

Position of publication: 33

Format: Journal

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

Corresponding author: No

Category: Science Edition - CARDIAC & CARDIOVASCULAR SYSTEMS

Journal in the top 25%: No

No. of journals in the cat.: 126

- 39** Antonio Ordóñez Fernández; Hernández-Fernández A; Borrego-Domínguez JM; Gutiérrez-Carretero E; Prieto-Rodríguez MF; Viloría-Peñas MM; Díaz-Aunión C; Galindo-Galindo A; Joaquin Muñoz Garcia. Estudio de la reversibilidad de la disfunción endotelial en un modelo de diabetes mellitus. Tratamiento experimental mediante trasplante de islotes pancreáticos. *Endocrinología y Nutrición*. 47, pp. 152 - 155. 2000. ISSN 1575-0922

Type of production: Scientific paper

Position of signature: 9

Format: Journal

Degree of contribution: Author or co-author of article in journal without external admissions assessment committee

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 1.106

Position of publication: 127

Category: ENDOCRINOLOGY & METABOLISM

Journal in the top 25%: No

No. of journals in the cat.: 138

- 40** Gutiérrez-Carretero E; Bello-Puentes R; Borrego-Domínguez JM; Hernández-Fernández A; Joaquin Muñoz García; Antonio Ordóñez Fernández. Alteration in diastolic function following cardiac cryopreservation at subzero temperatures. The Journal of Heart and Lung Transplantation. 18 - 4, pp. 372 - 375. 1999. ISSN 1053-2498

Type of production: Scientific paper

Position of signature: 5

Format: Journal

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

Corresponding author: No

Category: Science Edition - CARDIAC & CARDIOVASCULAR SYSTEMS

Journal in the top 25%: Yes

No. of journals in the cat.: 126

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 7.114

Position of publication: 11

Source of citations: WOS

Citations: 1

- 41** Juste J; Joaquin Muñoz García; Garcia-Mudarra JL; Carlos Ibáñez Ulargui. Estructura genética de las poblaciones del murciélago hortelano como principal reservorio del virus rábico EBLV1. MEMORIA FINAL CONVENIO DE COLABORACION Secretaría General de Agricultura (MAPA) - Estación Biológica de Doñana (CSIC). 11/2002.

Type of production: Scientific-technical report

Format: Scientific and technical document or report

- 42** Hampe A; Juan Arroyo; Mejías JA; Rivas A; Joaquin Muñoz García. Contrato para la elaboración de estudios sobre la biología y estructura genética de las poblaciones de árboles y arbustos. Proyecto de Medidas Compensatorias correspondientes a la Autovía A-381 Jerez - Los Barrios. 09/2000.

Type of production: Scientific-technical report

Format: Scientific and technical document or report

- 43** Fernando Hiraldo Cano; Juan J Negro; Godoy JA; Joaquin Muñoz García. Estructura y variabilidad genética de las poblaciones salvajes de quebrantahuesos. INFORME FINAL CONVENIO Consejería de Medio Ambiente-CSIC. 2000.

Type of production: Scientific-technical report

Format: Scientific and technical document or report

- 44** Juan Luis Garcia Mudarra; Joaquin Muñoz García; Javier Juste Ballesta. Aplicación de técnicas moleculares a la Biología: ¿Qué nos dicen de los Quirópteros?. Barbastella. 2 - Diciembre, pp. 24 - 28. 2003.

Format: Journal

Position of signature: 2

Degree of contribution: Author or co-author of article in journal without external admissions assessment committee

Works submitted to national or international conferences

- 1** **Title of the work:** Highlighting the evolutionary history of the Iberian red deer (*Cervus elaphus hispanicus*)

Name of the conference: Wildlife Research and Conservation 2019 (WRC2019)

Corresponding author: Yes

City of event: Berlin, Germany

Date of event: 30/09/2019

End date: 02/10/2019

Organising entity: Leibniz Institute for Zoo and Wildlife Research (IZW)

Type of entity: Associations and Groups



City organizing entity: Berlin, Germany
Joaquin Muñoz; Alberto Membrillo; Juan Carranza.

2 Title of the work: Low prevalence of blood parasites in a long-distance migratory raptor: the importance of host habitat

Name of the conference: 10th Conference of the European Ornithologists' Union

Type of event: Workshop

Type of participation: 'Participatory - poster

Reasons for participation: Review before acceptance

Corresponding author: No

City of event: Badajoz, Spain

Date of event: 24/08/2015

End date: 28/08/2015

Organising entity: European Ornithologists' Union **Type of entity:** Associations and Groups
Rafael Gutierrez; Laura Gangoso; Josue Martinez-de La Puente; J Fric; Pascual Lopez-Lopez; M Mailleux; Joaquin Muñoz; L Touati; AB Samraoui; Jordi Figuerola.

3 Title of the work: Feeding patterns of the invasive Asian tiger mosquito *Aedes albopictus* and native mosquitoes in Southern Europe: implications for the transmission of human and avian pathogens

Name of the conference: Genes, Ecosystems and Risk of Infection (GERI-2015)

Type of event: Workshop

Type of participation: 'Participatory - poster

Geographical area: European Union

Reasons for participation: Upon invitation

Corresponding author: No

City of event: Grete Island, Greece

Date of event: 21/04/2015

End date: 23/04/2015

Organising entity: EDEN and EDENext European 7FP Projects **Type of entity:** Associations and Groups

Josué Martínez-de La Puente; Joaquin Muñoz; Carles Aranda; Giola Capelli; S Cazzin; S Ravagnan; F Montarsi; Tomas Montalvo; Annapaola Rizzoli; D Arnoldi; Ramon Soriguer; Jordi Figuerola.

4 Title of the work: Paleogenetic records of *Daphnia pulex* in two North American lakes reveal the impact of cultural eutrophication

Name of the conference: ASLO 2015

Type of event: Conference

Type of participation: Participatory - oral communication

Geographical area: Non EU International

Reasons for participation: Review before acceptance

Corresponding author: No

City of event: Granada, Spain

Date of event: 22/02/2015

End date: 27/02/2015

Organising entity: Association for the Sciences of Limnology & Oceanography (ASLO) **Type of entity:** Associations and Groups

Dagmar Frisch; Philip K Morton; Priyanka R Chowdhury; Billy W Culver; Joaquin Muñoz; Punidan D Jeyasingh; Lawrence J Weider.

5 Title of the work: Identifying the last supper: Feeding pattern of the invasive Asian mosquito tiger *Aedes albopictus* and the native *Culex pipiens* in South Europe

Name of the conference: 7th International Conference on Emerging Zoonoses

Type of event: Workshop

Type of participation: 'Participatory - poster

Geographical area: European Union

Reasons for participation: Review before acceptance



Corresponding author: No

City of event: Berlin, Germany

Date of event: 16/10/2014

End date: 17/10/2014

Organising entity: German Research Platform for Zoonoses

With external admission assessment committee: Yes

Josué Martínez-de La Puente; Giola Capelli; Annapaola Rizzoli; Carles Aranda; Tomas Montalvo; Joaquin Muñoz; Ramon Soriguer; Jordi Figuerola.

6 Title of the work: Comparing genetic diversity and structure in *Artemia franciscana* in its native and introduced range

Name of the conference: XVII Congress of the Iberian Association of Limnology

Type of event: Conference

Geographical area: National

Type of participation: Participatory - oral communication

Reasons for participation: Review before acceptance

Corresponding author: No

City of event: Santander, Spain

Date of event: 06/07/2014

End date: 11/07/2014

Organising entity: University of Cantabria

Type of entity: University

Andy J Green; Christophe Lejeusne; Joaquin Muñoz; Dagmar Frisch; Javier Sánchez.

7 Title of the work: Time-after-time: Assessing Ecological and Genetic Variation in *Daphnia* Egg Banks

Name of the conference: Evolution Meeting 2014

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

Reasons for participation: Review before acceptance

Corresponding author: No

City of event: Raleigh, United States of America

Date of event: 20/06/2014

End date: 24/06/2014

Organising entity: Society for the Study of Evolution **Type of entity:** Associations and Groups (SSB)

Lawrence J Weider; Dagmar Frisch; Philip K Morton; Priyanka R Chowdhury; Billy W Culver; Joaquin Muñoz; Punidan D Jeyasingh.

8 Title of the work: Time-after-time: Assessing ecological and genetic variation in *Daphnia* resting egg banks

Name of the conference: EMBO *Daphnia* Genomics Consortium [DGS] Symposium

City of event: Birmingham, United Kingdom

Date of event: 19/01/2014

End date: 22/01/2014

Organising entity: University of Birmingham

City organizing entity: Birmingham, United Kingdom

Dagmar Frisch; Morton PK; Roy Chowdhury P; Billy W Culver; Joaquin Muñoz Garcia; Punidan D Jeyasingh.

9 Title of the work: Impact of vector ecology on virus amplification and spillover into humans and livestock: the case of West Nile in Europe

Name of the conference: 5th European Congress of Virology

City of event: Lyon, France

Date of event: 11/09/2013

End date: 14/09/2013

Organising entity: European Society of Virology **Type of entity:** Associations and Groups
Jordi Figuerola; Martínez-de la Puente J; Rozzili A; Platonov A; Bin H; Joaquin Muñoz Garcia; Capelli G;
Ruiz S; Rosà R; Roiz D; Vázquez A; Antonio Tenorio; Sánchez-Seco MP; Soriguer R.

10 Title of the work: The impact of host-vector interactions on the amplification and spillover of West Nile virus in Southern Spain

Name of the conference: 11th INTECOL Congress, Ecology: Into the next 100 years

City of event: ExCel, London, United Kingdom

Date of event: 18/08/2013

End date: 23/08/2013

Organising entity: British Ecological Society **Type of entity:** Associations and Groups

City organizing entity: United Kingdom

Jordi Figuerola; Martínez-de la Puente J; Roiz D; Joaquin Muñoz Garcia; Vázquez A; Ruiz S; Soriguer R.

11 Title of the work: Avian Plasmodium in Culex and Ochlerotatus mosquitoes from southern Spain: effects of season and host-feeding source on parasite dynamics

Name of the conference: International Conference on Malaria and Related Haemosporidian Parasites of Wildlife

City of event: Vilnius, Lithuania

Date of event: 07/08/2013

End date: 11/08/2013

Organising entity: Nature Research Centre and Lithuanian Academy of Sciences

Ferraguti M; Martínez-de la Puente J; Joaquin Muñoz Garcia; Roiz D; Ruiz S; Soriguer R; Figuerola J.

12 Title of the work: Telomere shortening and survival probability in relation to avian malaria infection status: a long term study on Western Jackdaws (*Corvus monedula*)

Name of the conference: International Conference on Malaria and Related Haemosporidian Parasites of Wildlife

City of event: Vilnius, Lithuania

Date of event: 07/08/2013

End date: 11/08/2013

Organising entity: Nature Research Centre and Lithuanian Academy of Sciences

Figuerola J; Marfil C; Joaquin Muñoz Garcia; Martínez-de la Puente J; Cuevas E; Soriguer R.

13 Title of the work: Competitive superiority based on environmental impacts on population history: A case study in *Daphnia pulex*

Name of the conference: Evolution Meeting 2013

City of event: Snowbird, United States of America

Date of event: 21/06/2013

End date: 26/06/2013

Organising entity: Society for the Study of Evolution **Type of entity:** Associations and Groups (SSB)

Joaquin Muñoz Garcia; Punidan D Jeyasingh; Lawrence J Weider.

14 Title of the work: Phylogeography of the worldwide invasive brine shrimp *Artemia franciscana* in its native American range

Name of the conference: Evolution Meeting 2013

City of event: Snowbird, United States of America

Date of event: 21/06/2013

End date: 26/06/2013

Organising entity: Society for the Study of Evolution **Type of entity:** Associations and Groups (SSB)



Joaquin Muñoz Garcia; Francisco Amat; Andy J Green; Jordi Figuerola; Africa Gómez.

- 15** **Title of the work:** Efficacy of mosquito traps for collecting potential West Nile mosquito vectors in a natural Mediterranean wetland
Name of the conference: 18th International Conference of the European Society for Vector Ecology (E-SOVE 2012)
City of event: Montpellier, France
Date of event: 08/10/2012
End date: 11/10/2012
Organising entity: European Society for Vector Ecology (E-SOVE) **Type of entity:** Associations and Groups
Roiz D; Roussel M; Ruiz S; Joaquin Muñoz Garcia; Soriguer R; Jordi Figuerola.
- 16** **Title of the work:** Feeding patterns of potential West Nile virus vectors in South-West Spain
Name of the conference: 18th International Conference of the European Society for Vector Ecology (E-SOVE 2012)
City of event: Montpellier, France
Date of event: 08/10/2012
End date: 11/10/2012
Organising entity: European Society for Vector Ecology (E-SOVE) **Type of entity:** Associations and Groups
Jordi Figuerola; Joaquin Muñoz Garcia; Ruiz S; Soriguer R; Vázquez A; Viana D; Miguel Alcaide Torres.
- 17** **Title of the work:** Dinámica de transmisión de parásitos de la malaria aviar en mosquitos: Efectos de la estacionalidad y del comportamiento alimentario
Name of the conference: XIV Congreso Nacional y XI Iberoamericano de Etología
City of event: Sevilla, Andalusia, Spain
Date of event: 11/09/2012
End date: 15/09/2012
Organising entity: SOCIEDAD ESPAÑOLA DE ETOLOGIA
Ferraguti M; Martínez-de la Puente J; Joaquin Muñoz Garcia; Roiz D; Ruiz S; Soriguer R; Jordi Figuerola.
- 18** **Title of the work:** Efectos de la malaria aviar sobre la supervivencia y la longitud de los telómeros en la grajilla común (*Corvus monedula*)
Name of the conference: XIV Congreso Nacional y XI Iberoamericano de Etología
City of event: Sevilla, Andalusia, Spain
Date of event: 11/09/2012
End date: 15/09/2012
Organising entity: SOCIEDAD ESPAÑOLA DE ETOLOGIA
Marfil C; Joaquin Muñoz Garcia; Martínez-de la Puente J; Soriguer R; Jordi Figuerola.
- 19** **Title of the work:** Moscas planas, parásitos sanguíneos, y halcones: tras la pista de un posible caso de salto de hospedador de ectoparásito
Name of the conference: XIV Congreso Nacional y XI Iberoamericano de Etología
City of event: Sevilla, Andalusia, Spain
Date of event: 11/09/2012
End date: 15/09/2012
Organising entity: SOCIEDAD ESPAÑOLA DE ETOLOGIA
Martínez-de la Puente J; Gangoso L; Mailleux M; Grande JM; Joaquin Muñoz Garcia; Jordi Figuerola.



- 20** **Title of the work:** Immunogenetic diversity in a diversity of habitat: An intra-specific level approach
Name of the conference: Ecological Genomics Summer School
City of event: Bertinoro, Italy
Date of event: 20/10/2009
End date: 24/10/2009
Organising entity: European Science Foundation (ESF)
 Joaquin Muñoz Garcia.
- 21** **Title of the work:** Biological invasions in Wetlands: Dynamic of the passively dispersed aquatic invertebrate populations
Name of the conference: Conservation Genetics: Assessing population structure and dynamics through the use of molecular markers and novel computational models
City of event: Praga, Czech Republic
Date of event: 01/09/2008
End date: 07/09/2008
Organising entity: European Science Foundation (ESF)
 Joaquin Muñoz Garcia.
- 22** **Title of the work:** Genetic diversity and phylogeography of the bearded vulture (*Gypaetus barbatus*)
Name of the conference: Phylogeography in Southern European Refugia
City of event: Vairao, Porto, Portugal
Date of event: 11/03/2002
End date: 15/03/2002
Organising entity: CECA – ICETA, University of Porto **Type of entity:** University
City organizing entity: Porto, Portugal
 Joaquin Muñoz Garcia; Jose A Godoy; Juan J. Negro; Fernando Hiraldo Cano.
- 23** **Title of the work:** Mitochondrial gene order around the Control Region in raptors
Name of the conference: 4th Eurasian Congress on Raptors
City of event: Sevilla, Andalusia, Spain
Date of event: 25/09/2001
End date: 29/09/2001
Organising entity: Raptor Reserch Foundation
 Joaquin Muñoz Garcia; Godoy JA; Juan J Negro.

Other dissemination activities

- 1** **Title of the work:** WoonDEERland
Name of the event: European Researchers' Night
City of event: Cordoba, Andalusia, Spain
Date of event: 27/09/2019
Organising entity: European Union - Marie Skłodowska-Curie Actions **Type of entity:** Innovation and Technology Centres
City organizing entity: University of Cordoba, Andalusia, Spain
- 2** **Title of the work:** Una historia de mosquitos, aves y parásitos.investigaciones sobre la malaria aviar en Doñana
Name of the event: Quercus
Type of event: Dissemination Journal **Geographical area:** National



Reasons for participation: Upon invitation

Corresponding author: No

City of event: Spain

Date of event: 30/05/2015

City organizing entity: Spain

With external admission assessment committee: Yes

Type: Popular science article

Martina Ferraguti; Josué Martínez de la Puente; Joaquín Muñoz; David Roiz; Santiago Ruiz; Jordi Figuerola; Ramón Soriguer. "Quercus". 352, pp. 34 - 39. (Spain): 30/05/2015. Available on-line at: <<https://www.revistaquercus.es/noticia/6242/articulos-de-fondo/una-historia-de-mosquitos-aves-y-parasitos.html>>. ISSN 0212-0054

3 Title of the work: Trabajando en....

Name of the event: SECEMU

Type of event: Revista divulgativa

Geographical area: National

Corresponding author: No

City of event: Spain

Date of event: 2003

Organising entity: Asociación Española para la Conservación y Estudio de los Murciélagos

Type of entity: Associations and Groups

With external admission assessment committee: Yes

Type: Scientific paper

Juan Luis García Mudarra; Javier Juste; Joaquín Muñoz García. "Aplicación de técnicas moleculares a la Biología: ¿Qué nos dicen de los Quirópteros?". En:

Barbastella. 2, pp. 24 - 28. 2003. Available on-line at: <<https://www.google.es/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=0ahUKEwi13eTe68PYAhWBohQKHe2dAagQFggU>

%3A%2F%2Fseceму.org%2Fwp-content%2Fuploads%2F2016%2F12%2Fbarbastella3.pdf&usq=AOvVaw17WBUJRryM7Ge1YelxqFbM>.

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

1 Committee title: Commission Nationale de l'Informatique et des Libertés (CNIL)

Affiliation entity: European Science Foundation (ESF)

Type of entity: Associations and Groups

City affiliation entity: Strasbourg, France

Start-End date: 2010 - 2014

2 Committee title: Evaluador Proyectos de Investigación Científica y Tecnológica del FONCyT

Affiliation entity: Ministerio de Ciencia, Tecnología, e Innovación Productiva

Type of entity: State agency

City affiliation entity: Buenos Aires, Argentina

Start-End date: 2008 - 2009

3 Committee title: FWO Expert Panel

Affiliation entity: Fonds Wetenschappelijk Onderzoek

Type of entity: Public Research Body

City affiliation entity: Belgium

Start date: 2019



R&D management

Name of the activity: 7FP-MARIE CURIE-PEOPLE
Type of management: Management of R&D&I actions and projects
Performed tasks: Writing, development and project management
Entity: Spanish National Research Council (CSIC)
Start date: 2012 **Duration:** 3 years

Evaluation and revision of R&D projects and articles

- 1** **Name of the activity:** EVALUADOR EXTERNO
Performed tasks: Evaluador proyecto investigacion
Entity where activity was carried out: FONCYT (Argentina) **Type of entity:** Public Research Body
Type of activity: Evaluador proyecto científico
Access system: Designated by the corresponding party without competition **Geographical area:** Non EU International
- 2** **Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: Acta Theriologica; ISSN: 0001-7051
Type of activity: Review of articles in scientific or technological journals
Access system: Designated by the corresponding party without competition **Geographical area:** European Union
- 3** **Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: Animal Genetics; ISSN: 1365-2052
Type of activity: Review of articles in scientific or technological journals
Access system: Designated by the corresponding party without competition **Geographical area:** European Union
- 4** **Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: BMC Evolutionary Biology; ISSN: 1471-2148
Type of activity: Review of articles in scientific or technological journals
Access system: Designated by the corresponding party without competition **Geographical area:** European Union
- 5** **Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: Biochemical Systematics and Ecology; ISSN: 0305-1978
Type of activity: Review of articles in scientific or technological journals
Access system: Designated by the corresponding party without competition **Geographical area:** European Union
- 6** **Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: Biological Conservation; ISSN: 0006-3207



Type of activity: Review of articles in scientific or technological journals

Access system: Designated by the corresponding party without competition

Geographical area: European Union

7 Name of the activity: REVISOR CIENTIFICO

Performed tasks: Revision articulo científico

Entity where activity was carried out: Fundamental and Applied Limnology; ISSN: 1863-9135

Type of activity: Review of articles in scientific or technological journals

Access system: Designated by the corresponding party without competition

Geographical area: European Union

8 Name of the activity: REVISOR CIENTIFICO

Performed tasks: Revision articulo científico

Entity where activity was carried out: Journal of Zoology; ISSN: 1469-7998

Type of activity: Review of articles in scientific or technological journals

Access system: Designated by the corresponding party without competition

Geographical area: European Union

9 Name of the activity: REVISOR CIENTIFICO

Performed tasks: Revision articulo científico

Entity where activity was carried out: Mammalian Biology; ISSN: 1618-1476

Type of activity: Review of articles in scientific or technological journals

Access system: Designated by the corresponding party without competition

Geographical area: European Union

10 Name of the activity: REVISOR CIENTIFICO

Performed tasks: Revision articulo científico

Entity where activity was carried out: Marine Biodiversity; ISSN: 1867-1624

Type of activity: Review of articles in scientific or technological journals

Access system: Designated by the corresponding party without competition

Geographical area: European Union

11 Name of the activity: REVISOR CIENTIFICO

Performed tasks: Revision articulo científico

Entity where activity was carried out: Marine Ecology; ISSN: 1439-0485

Type of activity: Review of articles in scientific or technological journals

Access system: Designated by the corresponding party without competition

Geographical area: European Union

12 Name of the activity: REVISOR CIENTIFICO

Performed tasks: Revision articulo científico

Entity where activity was carried out: Molecular Ecology; ISSN: 1365-294X

Type of activity: Review of articles in scientific or technological journals

Access system: Designated by the corresponding party without competition

Geographical area: European Union

13 Name of the activity: REVISOR CIENTIFICO

Performed tasks: Revision articulo científico

Entity where activity was carried out: Organism Diversity and Evolution; ISSN: 1618-1077

Type of activity: Review of articles in scientific or technological journals

Access system: Designated by the corresponding party without competition

Geographical area: European Union



- 14 Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: Scientific Reports; ISSN: 2045-2322
Type of activity: Review of articles in scientific or technological journals
Access system: Designated by the corresponding party without competition
Geographical area: European Union
- 15 Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: Zoological Journal of the Linnean Society; ISSN: 0024-4082
Type of activity: Review of articles in scientific or technological journals
Access system: Designated by the corresponding party without competition
Geographical area: European Union
- 16 Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: Ecology and Evolution; ISSN: 2045-7758
Type of activity: Review of articles in scientific or technological journals
Access system: Designated by the corresponding party without competition
Geographical area: Non EU International
- 17 Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: Electronic Journal of Biotechnology; ISSN: 0717-3458
Type of activity: Review of articles in scientific or technological journals
Access system: Designated by the corresponding party without competition
Geographical area: Non EU International
- 18 Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: Environmental Research; ISSN: 0013-9351
Type of activity: Review of articles in scientific or technological journals
Access system: Designated by the corresponding party without competition
Geographical area: Non EU International
- 19 Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: Hydrobiologia; ISSN: 1573-5117
Type of activity: Review of articles in scientific or technological journals
Access system: Designated by the corresponding party without competition
Geographical area: Non EU International
- 20 Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: Journal of Crustacean Biology; ISSN: 1937-240X
Type of activity: Review of articles in scientific or technological journals
Access system: Designated by the corresponding party without competition
Geographical area: Non EU International



- 21 Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: Limnology & Oceanography; ISSN: 1939-5590
Type of activity: Review of articles in scientific or technological journals
Access system: Designated by the corresponding party without competition **Geographical area:** Non EU International
- 22 Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: Limnology; ISSN: 1439-8621
Type of activity: Review of articles in scientific or technological journals
Access system: Designated by the corresponding party without competition **Geographical area:** Non EU International
- 23 Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: Molecular Phylogenetics and Evolution; ISSN: 1055-7903
Type of activity: Review of articles in scientific or technological journals
Access system: Designated by the corresponding party without competition **Geographical area:** Non EU International
- 24 Name of the activity:** REVISOR CIENTIFICO
Performed tasks: Revision articulo científico
Entity where activity was carried out: PLoS ONE; ISSN: 1932-6203
Type of activity: Review of articles in scientific or technological journals
Access system: Designated by the corresponding party without competition **Geographical area:** Non EU International

Other achievements

Stays in public or private R&D centres

- 1 Entity:** Aalborg University **Type of entity:** University
Faculty, institute or centre: Department of Chemistry and Bioscience. Section of Biology and Environmental Science
City of entity: Aalborg, Denmark
Start-End date: 01/10/2015 - 30/09/2016 **Duration:** 1 year
Goals of the stay: Contracted
Provable tasks: Desarrollo proyecto financiado por gobierno Danés usando Drosophila como organismo modelo.
Relevant results: Preparación de 'inbreed lines' de Drosophila melanogaster. Trabajos y artículos JCR sobre expresión génica y metabólica de Drosophila en diferentes ambientes.
- 2 Entity:** KU Leuven **Type of entity:** University
Faculty, institute or centre: Laboratory of Aquatic Ecology and Evolutionary Biology
City of entity: Leuven, Belgium
Start-End date: 01/09/2014 - 05/10/2014 **Duration:** 1 month - 1 day
Funding entity: European Science Foundation (ESF) **Type of entity:** European
Name of programme: ConGenOmics. ESF-Exchange Grant
Goals of the stay: Post-doctoral



Provable tasks: LANDSCAPE GENOMICS IN THE WATER FLEA, DAPHNIA

Acquired skills developed: Analisis de datos genomicos a traves de plataforma LINUX

Relevant results: Preparacion y solicitud de EF Marie Curie dentro del programa marco HORIZON 2020; y escritura de manuscrito pendiente de envio conteniendo datos analizados sobre genomica ambiental de Daphnia.

- 3** **Entity:** University of Oklahoma (OU) **Type of entity:** University
Faculty, institute or centre: Department of Biology
City of entity: Norman, United States of America
Start-End date: 01/02/2012 - 31/03/2014 **Duration:** 2 years - 2 months
Funding entity: Comisión Europea **Type of entity:** EU
Goals of the stay: Contracted
Provable tasks: Desarrollo proyecto Europeo Marie Curie Action-PEOPLE- IOF
Relevant results: Proyecto IOF-MARIE CURIE con sus correspondientes objetivos, milestones y deliverables. Artículos JCR relacionados con la adaptación de Daphnia a distintos ambientes de lagos eutróficos
- 4** **Entity:** University of British Columbia **Type of entity:** University
Faculty, institute or centre: Department of Biology
City of entity: Vancouver, Canada
Start-End date: 14/05/2012 - 27/05/2012 **Duration:** 14 days
Funding entity: Unión Europea (Marie Curie Actions - PEOPLE)
Name of programme: Research training stay funded by IOF-Marie Curie fellowship (ADAPT-ENGENOME; Code #271485)
Goals of the stay: Guest
Provable tasks: Update and improvement on the knowledge and skills of state-of-the-art Next Generation Sequencing (NGS) approaches (GBS versus RAD-tag approaches)
Acquired skills developed: Desarrollo y analisis de datos GBS para la especie modelo del proyecto Europeo, Daphnia pulicaria
- 5** **Entity:** University of Hull **Type of entity:** University
Faculty, institute or centre: Department of Biological Sciences
City of entity: Hull, South Yorkshire, United Kingdom
Start-End date: 14/11/2011 - 18/12/2011 **Duration:** 1 month - 7 days
Funding entity: European Science Foundation (ESF) **Type of entity:** European
Name of programme: ConGenOmics. ESF-Exchange Grant
Goals of the stay: Post-doctoral
Provable tasks: Knowledge transfer relating to genomic approximations to the study of zooplanktonic organisms
Relevant results: Knowledge transfer relating to genomic approximations to the study of zooplanktonic organisms. In addition, we discuss future lines of research in order to develop links a application of Dr. Muñoz for a Marie Curie IEF in the research group
- 6** **Entity:** University of Hull **Type of entity:** University
Faculty, institute or centre: Department of Biological Sciences
City of entity: Hull, South Yorkshire, United Kingdom
Start-End date: 01/06/2007 - 01/09/2007 **Duration:** 3 months
Funding entity: Invited Researcher **Type of entity:** Administrative Body of the National Health System
Goals of the stay: Guest
Provable tasks: Desarrollo de marcadores geneticos en invertebrados acuaticos



Relevant results: Diversas tareas de investigación bajo la supervisión de la Dra. África Gómez desde el día 1 de junio de 2007 hasta el día de 1 de Septiembre de 2007

- 7** **Entity:** Universidad de Sevilla **Type of entity:** University
Faculty, institute or centre: Facultad de Biología; Departamento de Biología Vegetal y Ecología
City of entity: Sevilla, Andalusia, Spain
Start-End date: 15/08/2000 - 14/11/2000 **Duration:** 3 months
Goals of the stay: Contracted
Provable tasks: Desarrollando técnicas moleculares (extracción de ADN, PCR-RAPDs y electroforesis de ADN)

Obtained grants and scholarships

- 1** **Name of the grant:** 7FP-MARIE CURIE-IOF-PEOPLE (Código 271485)
Aims: Post-doctoral
Awarding entity: Comisión Europea **Type of entity:** ERA
Amount of the grant: 301.843 €
Conferral date: 01/02/2012 **Duration:** 3 years
End date: 30/01/2015
Entity where activity was carried out: Consejo Superior de Investigaciones Científicas
Faculty, institute or centre: Estación Biológica de Doñana
- 2** **Name of the grant:** ESF-Exchange Grant (Código 4810)
City awarding entity: ESF,
Aims: Post-doctoral
Awarding entity: European Science Foundation **Type of entity:** Research Foundation
Amount of the grant: 2.400 €
Conferral date: 01/09/2014 **Duration:** 1 month - 7 days
End date: 2014
Entity where activity was carried out: KU Leuven
- 3** **Name of the grant:** ESF-Exchange Grant (Código 3646)
Aims: Post-doctoral
Awarding entity: European Science Foundation **Type of entity:** Research Foundation
Amount of the grant: 2.500 €
Conferral date: 14/11/2011 **Duration:** 1 month - 7 days
End date: 2011
Entity where activity was carried out: University of Hull