



María Ríos Ibáñez

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Summary of CV

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

I am a paleontologist studying the macroevolutionary dynamics of the Giraffomorpha. As for my scientific background, after obtaining my **BSc. in Biological Sciences** I earned an **MSc. on Conservation and Evolution of Animal Biodiversity**, with a thesis on the multi-isotopic analysis of the paleoecology and paleoclimatology of the Ribesalbes basin at the University of Valencia (Spain). Later that year, I obtained a full-funded predoctoral **FPI-MINECO** grant for the research project of the fossil site complex of Cerro de Los Batallones (Madrid, Late Miocene) held by the **MNCN-CSIC**, under the mentoring of Dr. J. Morales. I completed my **PhD. in Biodiversity and Evolutionary Biology on March 2017**, Cum Laude and with International Mention by the University of Valencia. My PhD. was focused on describing the **new giraffid from Batallones-10** (*Decennatherium rex*) as well as the morphological characters sufficient to construct the **first quantitative data matrix for the Giraffidae** and obtain the **first phylogenetic tree of the family** based on a Maximum Parsimony Analysis. My entire thesis has been **published on SCI** international magazines or is in the final steps to be published and it's also been presented in several international paleontological conferences. I was also awarded a series of FPI-EEBB scholarships for international stays on the AMNH (New York, USA), the NHM (London, UK) and the MNHN (Paris, France) and had the chance to stablish meaningful **collaborations** with other scientists, which have resulted in my last submitted publications dealing with new findings on Siwaliks giraffids and in already published works on the metapodial morphology of the Giraffidae. I have also been able to make use of new methods as the use of CT-SCANS for the analysis of the structure of fossil giraffids inner ear and 3D surface scans for the reconstruction of fossil taxa. As my CVN illustrates in detail, I also have a broad range of museum experience and science dissemination and organization of scientific activities.

Finally, as for my **current and future research lines**, besides continuing with the systematic and alpha-taxonomy studies of fossil giraffids, what I am focused on is the study of the macroevolutionary dynamics of Giraffomorpha. Though today is only represented by two living African forms (*Okapia* and *Giraffa*), in the last 23 million years the giraffes' lineage have held at least 70 different species, very diverse phenotypes, and were widespread throughout all the Old World. With a well-known fossil record and extensive molecular data available, Giraffomorpha makes up a perfect study group for the investigation of **macroevolutionary dynamics in the context of endangered lineages**. My approach includes the construction of a **phylogenetic tree using total-evidence tip-dating** techniques and the identification of the **causes of giraffes' diversification and demise** based on extensive fossil and paleo environmental data, trying to **test two broad hypotheses**:

Hypothesis 1. The speciation and extinction trends in Giraffomorpha are mainly controlled by extrinsic factors rather than intrinsic factors.

Hypothesis 2. If the rise and demise of Giraffomorpha was environmentally-driven or spurred by competition within the clade or with other herbivorous clades, the morphological and functional evolution in this clade should be partitioned among subclades due to differential niche preferences, showing different modes of morphology evolution across the phylogeny.

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.

- **15** papers, **all but one** in **SCI peer-reviewed** papers (11 published 2 in reviewing process) (**Q1** 58.3% %, and **Q2** 41,7 %).
- First or last author in the 50% of the papers SCI.
- H-index: 13,38 (Research Gate Index) and h-index of 3 (scopus).
- **39** total citations with 7,8 citation/years (Research Gate).
- **3,646** reads on Reasearch Gate.
- **12** presentations in both national and international meetings —e.g., Annual Meeting of the European Association of Vertebrate Paleontologists (EAVP), The Palaeontological Association Annual Meeting (PalAss), International Conference on Ruminant Phylogenetics (ICRP), Sociedad Española de Paleontología (SEP).
- **7** book-chapters (3 as abstract of conferences published in books with ISBN and 4 as bookchapters).
- **1** co-edited book.
- **3** times as reviewer of manuscripts for 3 different SCI journals.
- Invited to collaborate with expert in anatomy of extinct giraffids in USA (New York Institute of Technology) and Pakistan (University of Punjab).
- Member of **2 I+D projects** funding through competitive calls during 2012-2017.
- **Government funding** for the Predoctoral Fellowship: 4 scholarships (1 FPI and FPI-EEBB at the American Museum of Natural Sciences (New York, USA), the Natural History Museum (London, UK), and the Muséum national d'Histoire naturelle (Paris, France).
- Organization and scientific committee of the XIII Meeting of Young Researchers in Paleontology (Cercedilla, Madrid).
- **7** stays in globally recognized institutions.
- **13** years of experience in fieldwork in 7 different fossil sites in Spain.
- **5** fieldwork seasons (2013-2018) as part of the organization team of the late Miocene locality of Batallones-10 (Madrid).



María Ríos Ibáñez

Surname(s): **Ríos Ibáñez**
Name: **María**
ORCID: **0000-0001-7242-1259**
Personal web page: **https://www.researchgate.net/profile/Maria_Rios3**

Current professional situation

Professional category: Unemployed
Start date: 01/12/2018

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad Complutense de Madrid	Organization of the activity: Women in Science Trivia	01/09/2018
2	Museo Arqueológico Regional	Guide at the exhibition: La Colina de los Tigres de Dientes de Sable	01/02/2018
3	Museo Nacional de Ciencias Naturales	Manager and monitor: Open doors weekend at Cerro de los Batallones	14/07/2018
4	Museo Arqueológico Regional	Monitor at GEOLODIA	12/05/2018
5	Museo Arqueológico Regional	Writer in the Volume: La Colina de los Tigres de Dientes de Sable	01/12/2017
6	Museo Arqueológico Regional	Writer in the Volume: La Colina de los Tigres de Dientes de Sable	01/12/2017
7	Museo Arqueológico Regional	Fossil preparation for the exhibition: La colina de los tigres dientes de sable	01/03/2017
8	Museo Nacional de Ciencias Naturales	Manager and monitor: Open doors weekend at Cerro de los Batallones	15/07/2017
9	Museo Nacional de Ciencias Naturales-CSIC	FPI-MINECO Grant-contract	01/12/2012
10	Fundación Conjunto Paleontológico Dinópolis –Teruel	Professional Internship	01/06/2011
11	Univesitat de Valencia-Departamento de Geología	Collaboration Student Grant, Ministerio de Educación	01/11/2010
12	Instituto Mediterráneo para el Desarrollo Sostenible (IMEDES)	Pollster	01/05/2007
13	Medwin Publishers-International Journal of Paleobiology & Paleontology (IJPBP)	Editor	01/10/2018

1 **Employing entity:** Universidad Complutense de Madrid **Type of entity:** University
Professional category: Organization of the activity: Women in Science Trivia



Start-End date: 01/09/2018 - 16/11/2018

- 2** **Employing entity:** Museo Arqueológico Regional **Type of entity:** Public Research Body
Professional category: Guide at the exhibition: La Colina de los Tigres de Dientes de Sable
Start-End date: 01/02/2018 - 30/07/2018 **Duration:** 1 month - 4 days
- 3** **Employing entity:** Museo Nacional de Ciencias Naturales **Type of entity:** Public Research Body
Professional category: Manager and monitor: Open doors weekend at Cerro de los Batallones
Start-End date: 14/07/2018 - 15/07/2018 **Duration:** 2 days
- 4** **Employing entity:** Museo Arqueológico Regional **Type of entity:** Public Research Body
Professional category: Monitor at GEOLODIA
Start-End date: 12/05/2018 - 13/05/2018 **Duration:** 2 days
- 5** **Employing entity:** Museo Arqueológico Regional **Type of entity:** Public Research Body
Professional category: Writer in the Volume: La Colina de los Tigres de Dientes de Sable
Start-End date: 01/12/2017 - 30/12/2017 **Duration:** 1 month
- 6** **Employing entity:** Museo Arqueológico Regional **Type of entity:** Public Research Body
Professional category: Writer in the Volume: La Colina de los Tigres de Dientes de Sable
Start-End date: 01/12/2017 - 30/12/2017 **Duration:** 1 month
- 7** **Employing entity:** Museo Arqueológico Regional **Type of entity:** Public Research Body
Professional category: Fossil preparation for the exhibition: La colina de los tigres dientes de sable
Start-End date: 01/03/2017 - 01/10/2017 **Duration:** 7 months
- 8** **Employing entity:** Museo Nacional de Ciencias Naturales **Type of entity:** Public Research Body
Professional category: Manager and monitor: Open doors weekend at Cerro de los Batallones
Start-End date: 15/07/2017 - 16/07/2017 **Duration:** 2 days
- 9** **Employing entity:** Museo Nacional de Ciencias Naturales-CSIC **Type of entity:** Public Research Body
Professional category: FPI-MINECO Grant-contract
Start-End date: 01/12/2012 - 01/12/2016 **Duration:** 4 years
- 10** **Employing entity:** Fundación Conjunto Paleontológico Dinópolis –Teruel **Type of entity:** Foundation
Professional category: Professional Internship
Start-End date: 01/06/2011 - 01/09/2011 **Duration:** 3 months
- 11** **Employing entity:** Univesitat de Valencia-Departamento de Geologia **Type of entity:** Foundation
Professional category: Collaboration Student Grant, Ministerio de Educación
Start-End date: 01/11/2010 - 01/07/2011 **Duration:** 8 months
- 12** **Employing entity:** Instituto Mediterráneo para el Desarrollo Sostenible (IMEDES) **Type of entity:** Public Research Body
Professional category: Pollster
Start-End date: 01/05/2007 - 01/06/2007 **Duration:** 1 month



- 13** **Employing entity:** Medwin Publishers-International Journal of Paleobiology & Paleontology (IJPBP)
Professional category: Editor
Start date: 01/10/2018



Education

University education

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

- 1 University degree:** Postgrado
Name of qualification: MSc, Biodiversity: Conservation and Evolution. Specialty: Animal Diversity.
Degree awarding entity: Universitat de València **Type of entity:** University
Date of qualification: 20/06/2013
- 2 University degree:** Higher degree
Name of qualification: BSc. in Biological Science/Licenciatura en Ciencias Biológicas Especialidad Fundamental Opción Biología Evolutiva
Degree awarding entity: Universitat de València **Type of entity:** University
Date of qualification: 05/08/2011

Doctorates

Doctorate programme: Biodiversity and Evolutionary Biology. Cum laude and with International mention.
Degree awarding entity: Universitat de Valencia **Type of entity:** University
Date of degree: 15/03/2017

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

- 1 Training title:** Biomorphodynamics/Biomorfodinámica
Awarding entity: Institut Catala de Paleontologia
End date: 17/02/2012 **Duration in hours:** 25 hours
- 2 Training title:** 8th European Seminar on Marine Mammals
Awarding entity: Universidad Internacional Menéndez Pelayo **Type of entity:** University
End date: 17/09/2010 **Duration in hours:** 40 hours
- 3 Training title:** Paleontology and Development/Paleontología y desarrollo: Teruel. VII Edición.
Awarding entity: Universidad de Verano de Teruel **Type of entity:** University
End date: 25/07/2008 **Duration in hours:** 40 hours

Language skills

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

Teaching experience

Other activities/achievements not included above

Description of the activity: Creation of the first micropaleontological collection for the graduate students of the Geology Department courses

Organising entity: MINISTERIO DE EDUCACION Y CIENCIA

End date: 2011

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:** Los Yacimientos Paleontológicos Seudocársticos del Cerro de los Batallones (Madrid) en el Contexto de los Cambios Ambientales del Mioceno Superior de las Cuencas Centro-Ibéricas/The Pseudokarstic Paleontological Sites of Cerro de los Batallones (Madrid) in the Context of the Environmental Changes of the Upper Miocene of the Central-Iberian Basins

Entity where project took place: Museo Nacional de Ciencias Naturales

City of entity: Madrid, Community of Madrid, Spain

Name principal investigator (PI, Co-PI...): Jorge Morales Romero

Nº of researchers: 10

Start-End date: 2015 - 2015
- 2 Name of the project:** Paleobiología y Tafonomía de los Yacimientos Pseudocársticos del Cerro de los Batallones (Mioceno Superior, Cuenca de Madrid)/Paleobiology and Taphonomy of the Pseudokarstic Deposits of the Cerro de los Batallones (Upper Miocene, Madrid Basin)

Entity where project took place: Museo Nacional de Ciencias Naturales

City of entity: Madrid, Community of Madrid, Spain

Name principal investigator (PI, Co-PI...): Jorge Morales Romero

Nº of researchers: 10

Start-End date: 2012 - 2015



Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1** María Ríos; Jorge Morales. A new skull of *Decennatherium rex* Ríos, Sánchez & Morales, 2017 from Batallones-4 (Upper Vallesian, MN10, Madrid, Spain). *Palaeontologia Electronica*. Production of Galley, *Palaeontologia Electronica*, 01/07/2019.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 2** Juan L. Cantalapiedra; Tracy Aze; Marc W. Cadotte; Giulio V. Dalla Riva G.V.; Danwei Huang; Florent Mazel; Matthew W. Pennell; María Ríos; Arne Ø. Mooers. Conserving evolutionary history does not result in greater diversity over geological timescales. *Proceedings of the Royal Society B*. 286.1904(2019) - 201, pp. 1 - 8. Royal Society Publishing, 05/06/2019.
Type of production: Scientific paper **Format:** Journal
- 3** María Ríos; Melinda Danowitz; Nikos Solounias. First identification of *Decennatherium Crusafont*, 1952 (Mammalia, Ruminantia, Pecora) in the Siwaliks of Pakistan. *GEOBIOS*/**ACCEPTED UPON REVISION**. Elsevier, 12/2018.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 4** Muhammad Khan; María Ríos. *Progiraffa* (Ruminantia, Giraffidae) from Middle Miocene Siwaliks of northern Pakistan. *Paleontologia Electronica*/ACCEPTED UPON REVISION. *Paleontologia Electronica*, 12/2018.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 5** María Ríos. Is the astragalar index a valid character for the study of giraffid phylogeny?. *International Journal of Paleobiology & Paleontology*. 1 - 1, pp. 1 - 6. Medwin, 05/10/2018.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 6** Jorge Morales; Pablo Peláez-Campomanes; Patricia Pérez; M^a Teresa Alberdi; Beatriz Azanza; Martin Pickford; María Ríos; Oscar Sanisidro; Gema Alcalde; Juan Cantalapiedra; Susana Fraile; Blanca García-Yelo; Ana Rosa Gómez-Cano; Verónica Hernández-Ballarín; Adriana Oliver; Enrique Cantero; Alberto Valenciano; Plinio Montoya. Neogene Mammal Sites in Molina de Aragón (Guadalajara, Spain): Correlation to Other Karstic Sites of the Iberian Chain, and their Geoheritage Values. *Geoheritage*. 10 - 3, pp. 353 - 362. Springer, 29/03/2018.
Type of production: Scientific paper **Format:** Journal
- 7** María Ríos; Israel M. Sánchez; Jorge Morales. A new giraffid (Mammalia, Ruminantia, Pecora) from the late Miocene of Spain, and the evolution of the sivathere-samothere lineage. *PLoS One*. 12 - 11, pp. e0185378. PLoS, 01/11/2017.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes



- 8** María Ríos; Israel M. Sánchez; Jorge Morales. Comparative anatomy, phylogeny and systematics of the Miocene giraffid *Decennatherium pachecoi* Crusafont, 1952 (Mammalia, Ruminantia, Pecora): state of the art. *Journal of Vertebrate Paleontology*. 36 - 5, pp. e1187624. Taylor & Francis, 17/06/2016.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 9** María Ríos; Melinda Danowitz; Nikos Solounias. First comprehensive morphological analysis on the metapodials of Giraffidae. *Paleontologia Electronica*. 19 - 3, pp. 1 - 39. 03/03/2016.
Type of production: Scientific paper **Format:** Journal
- 10** Israel M. Sánchez; Juan L. Cantalapiedra; María Ríos; Victoria Quiralte; Jorge Morales. Systematics and Evolution of the Miocene Three-Horned Palaeomerycid Ruminants (Mammalia, Cetartiodactyla). *PloS One*. 10 - 12, pp. e0143034. *PloS One*, 02/12/2015.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 11** Israel M. Sánchez; Victoria Quiralte; María Ríos; Jorge Morales; Martin Pickford. The first African record of the Miocene Asian mouse-deer *Siamotragulus Thomas*, Ginsburg, Hintong & Suteethorn, 1990 (Mammalia, Ruminantia, Tragulidae): implications for the phylogeny and evolutionary history of the advanced selenodont tragulids. *Journal of Systematic Paleontology*. 13 - 7, pp. 543 - 556. 16/09/2014.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 12** Matthias Freudenthal; Antonio García-Alix; María Ríos; Francisco Ruiz-Sánchez; Elvira Martín-Suárez; Antonio Delgado Huertas. Review of paleo-humidity parameters in fossil rodents (Mammalia): Isotopic vs. tooth morphology approach. *Palaeogeography, Palaeoclimatology, Palaeoecology*. (Paleo3).395, pp. 122 - 130. Elsevier, 01/02/2014.
Type of production: Scientific paper **Format:** Journal
- 13** Vicente Daniel Crespo-Roures V. D.; Samuel Mansino; Mar Gonzalez-Pardos; María Ríos; Efrén Colomina; Xabier Murelaga; Plinio Montoya; Matthias Freudenthal; Francisco Javier Ruiz-Sanchez. New findings of the genus *Altomiramys* (Mammalia, Gliridae) in the Lower Miocene (Agenian-Aragonian) of the Ebro and Ribesalbes-Alcora Basins (Spain). *Peckiana*. 8, pp. 245 - 254. Senckenberg Publications, 20/08/2012.
Type of production: Scientific paper
- 14** María Ríos. New fossil giraffe helps unravel the evolution of this iconic family. *TheScienceBreaker.com*. pp. DOI: <https://doi.org/10.25250/thescbr.brk138>. Universite de Geneve, 05/10/2018.
Type of production: Popular science article **Format:** Journal
Corresponding author: Yes
- 15** María Ríos. La jirafa madrileña, una especie desconocida de hace nueve millones de años. *Naturalmente*. 7, MNCN-CSIC, 01/01/2016.
Type of production: Popular science article **Format:** Journal
Corresponding author: Yes
- 16** Israel M. Sánchez; Victoria Quiralte; Juan Cantalapiedra; María Ríos; Jorge Morales. Historia evolutiva de Ruminantia (Mammalia, Cetartiodactyla). La colina de los tigres dientes de sable. Los yacimientos miocenos del Cerro de los Batallones (Torrejón de Velasco, Madrid): Volumen Exposición. pp. 478 - 484. Museo Arqueológico Regional. Comunidad de Madrid., 16/01/2018.
Type of production: Book chapter **Format:** Book
Corresponding author: No

- 17** María Ríos. Los jiráfidos (Mammalia, Ruminantia, Giraffidae) en la Península Ibérica: evidencia desde el Cerro de los Batallones. La colina de los tigres dientes de sable. Los yacimientos miocenos del Cerro de los Batallones (Torrejón de Velasco, Madrid): Volumen Exposición.pp. 459 - 477. Museo Arqueológico Regional. Comunidad de Madrid., 16/01/2018.
Type of production: Book chapter **Format:** Book
Corresponding author: Yes
- 18** María Ríos. Los jiráfidos de Batallones. Los yacimientos miocenos del Cerro de los Batallones. La colina de los tigres dientes de sable (Torrejón de Velasco, Comunidad de Madrid). Catálogo de la Exposición.pp. 92 - 95. Museo Arqueológico Regional. Comunidad de Madrid., 16/01/2018.
Type of production: Book chapter **Format:** Book
Corresponding author: Yes
- 19** Jorge Morales; Pablo Peláez-Campomanes; Patricia Pérez; M^a Teresa Alberdi; Beatriz Azanza; Martin Pickford; María Ríos; Oscar Sanisidro; Gema Alcalde; Juan Cantalapiedra; Susana Fraile; Blanca García-Yelo; Ana Rosa Gómez-Cano; Verónica Hernández-Ballarín; Adriana Oliver; Enrique Cantero; Alberto Valenciano; Plinio Montoya. Los yacimientos kársticos con mamíferos del entorno de Molina de Aragón (Guadalajara).Libro guía de la excursión de las XXXII Jornadas de la Sociedad Española de Paleontología.pp. 1 - 15. Sociedad Española de Paleontología. Instituto Geológico y Minero de España., 21/09/2016.
Type of production: Book chapter **Format:** Book
Corresponding author: No
- 20** María Ríos; Israel M. Sánchez; Jorge Morales. Comparative anatomy of Birgerbohlinia Crusafont, 1952 and Decennatherium Crusafont, 1952, the emblematic Giraffidae (Cetartiodactyla, Ruminantia) of the Spanish Miocene. Current Trends in Paleontology and Evolution XIII EJIP, Conference Proceedings. ISBN 978-84-606-7282-1. pp. 215 - 218. Universidad Complutense de Madrid, 19/04/2015.
Type of production: Book chapter **Format:** Book
Corresponding author: Yes
- 21** Israel M. Sánchez; María Ríos; Victoria Quiralte; Jorge Morales. Superficial similarity vs. synapomorphic similarity: the case of the Palaeomerycidae and the Dromomerycidae (Cetartiodactyla, Ruminantia, Pecora). Current Trends in Paleontology and Evolution XIII EJIP, Conference Proceedings. ISBN 978-84-606-7282-1. pp. 232 - 234. Universidad Complutense de Madrid, 19/04/2015.
Type of production: Book chapter **Format:** Book
Corresponding author: No
- 22** María Ríos; Israel M. Sánchez; Jorge Morales. Preliminary insights on the Giraffidae from Batallones-10 (late Miocene, Madrid, Spain). Current Trends in Paleontology and Evolution XI EJIP, Conference Proceedings.pp. 95 - 98. Universidad Complutense de Madrid, 17/04/2013.
Type of production: Book chapter **Format:** Book
Corresponding author: Yes
- 23** Israel M. Sánchez; María Ríos; Jorge Morales. Who is Who? Comparative Morphology of the Miocene Eurasian Musk-Deer Micromeryx and Hispanomeryx (Mammalia, Ruminantia, Moschidae). Zitteliana. 91, pp. 74 - 75. Bayerischen Staatssammlung für Paläontologie und historische Geologie, 02/12/2015.
Type of production: Abstract **Format:** Journal
Corresponding author: No
- 24** Israel M. Sánchez; Victoria Quiralte; María Ríos; Jorge Morales. Phylogeny of the Tragulidae (Mammalia, Cetartiodactyla, Ruminantia). Zitteliana. Series B - 31, pp. 31 - 31. Bayerischen Staatssammlung für Paläontologie und historische Geologie, 27/09/2013.
Type of production: Abstract **Format:** Journal
Corresponding author: No

Works submitted to national or international conferences

- 1** **Title of the work:** Digital cranial reconstruction and intraspecific appendage variability in *Decennatherium rex* (Ruminantia, Pecora)
Name of the conference: 5th International Palaeontological Congress
Corresponding author: Yes
City of event: Paris, Île de France, France
Date of event: 09/07/2018
End date: 13/07/2018
Organising entity: International Palaeontological Association
City organizing entity: Washington, D.C., United States of America
Oscar Sanisidro; María Ríos; Enrique Cantero; Adrián de la Iglesia Fernández; Jorge Morales. "Digital cranial reconstruction and intraspecific appendage variability in *Decennatherium rex* (Ruminantia, Pecora)".
- 2** **Title of the work:** Who is who? Comparative morphology of the Miocene Eurasian musk-deer *Micromeryx* and *Hispanomeryx* (Mammalia, Ruminantia, Moschidae)
Name of the conference: 15th Annual Meeting of the Association of European Vertebrate Palaeontologists
Corresponding author: Yes
City of event: Munich, Germany
Date of event: 01/08/2017
End date: 03/08/2017
Organising entity: Association of European Vertebrate Palaeontologists
Type of entity: Associations and Groups
Israel M. Sánchez; María Ríos; Jorge Morales. "Who is who? Comparative morphology of the Miocene Eurasian musk-deer *Micromeryx* and *Hispanomeryx* (Mammalia, Ruminantia, Moschidae)".
- 3** **Title of the work:** Phylogeny and origin of Giraffidae based on characters of the bony labyrinth
Name of the conference: The Palaeontological Association Annual Meeting 2016
Corresponding author: No
City of event: Lyon, France
Date of event: 14/12/2016
End date: 17/12/2016
Organising entity: The Palaeontological Association
Type of entity: Associations and Groups
City organizing entity: Londres, United Kingdom
Bastien Menecart; María Ríos; Gertrude Rössner; Loïc Costeur. "Phylogeny and origin of Giraffidae based on characters of the bony labyrinth".
- 4** **Title of the work:** The Moschidae (Mammalia, Ruminantia, Pecora) from the exceptional fossil site of Batallones-10 (Madrid basin, MN10, Upper Miocene).
Name of the conference: XXXII Jornadas SEP (Sociedad Española de Paleontología)
Corresponding author: No
City of event: Molina de Aragón, Aragon, Spain
Date of event: 21/09/2016
End date: 24/09/2016
Organising entity: Sociedad Española de Paleontología
Type of entity: Associations and Groups
City organizing entity: Madrid, Community of Madrid, Spain
Amparo Violero; Israel M. Sánchez; María Ríos; Jorge Morales. "The Moschidae (Mammalia, Ruminantia, Pecora) from the exceptional fossil site of Batallones-10 (Madrid basin, MN10, Upper Miocene)".



- 5** **Title of the work:** Comparative anatomy of Birgerbohlinia Crusafont, 1952 and Decennatherium Crusafont, 1952, the emblematic Giraffidae (Cetartiodactyla, Ruminantia) of the Spanish Miocene.
Name of the conference: XIII Encuentro de Jóvenes Investigadores en Paleontología
Corresponding author: Yes
City of event: Cercedilla, Community of Madrid, Spain
Date of event: 15/04/2015
End date: 18/04/2015
Organising entity: Universidad Complutense de Madrid **Type of entity:** University
City organizing entity: Madrid, Community of Madrid, Spain
María Ríos; Israel M. Sánchez; Jorge Morales. "Comparative anatomy of Birgerbohlinia Crusafont, 1952 and Decennatherium Crusafont, 1952, the emblematic Giraffidae (Cetartiodactyla, Ruminantia) of the Spanish Miocene. Current trends in Paleontology and Evolution. XIII EJIP. Conference proceedings. ISBN 978-84-606-7282-1 296 pp."
- 6** **Title of the work:** Superficial similarity vs. synapomorphic similarity: the case of the Palaeomerycidae and the Dromomerycidae (Cetartiodactyla, Ruminantia, Pecora).
Name of the conference: XIII Encuentro de Jóvenes Investigadores en Paleontología
Corresponding author: No
City of event: Cercedilla, Community of Madrid, Spain
Date of event: 15/04/2015
End date: 18/04/2015
Organising entity: Universidad Complutense de Madrid **Type of entity:** University
City organizing entity: Madrid, Community of Madrid, Spain
Israel M. Sánchez; María Ríos; Victoria Quiralte; Jorge Morales. "Superficial similarity vs. synapomorphic similarity: the case of the Palaeomerycidae and the Dromomerycidae (Cetartiodactyla, Ruminantia, Pecora). Current trends in Paleontology and Evolution. XIII EJIP. Conference proceedings. ISBN 978-84-606-7282-1 296 pp."
- 7** **Title of the work:** Review of paleo-humidity parameters in fossil rodents (Mammalia): Isotopic vs. faunal approach
Name of the conference: 14th Congress of Regional Committee on Mediterranean Neogene Stratigraphy
Corresponding author: No
City of event: Estambul, Turkey
Date of event: 08/09/2013
End date: 12/09/2013
Organising entity: Regional Committee on Mediterranean Neogene Stratigraphy
City organizing entity: Barcelona, Catalonia, Spain
Matthias Freudenthal; Antonio García-Alix; María Ríos; Francisco Ruiz-Sánchez; Elvira Martín-Suárez; Antonio Delgado Huertas. "Review of paleo-humidity parameters in fossil rodents (Mammalia): Isotopic vs. faunal approach"
- 8** **Title of the work:** Phylogeny of the Tragulidae (Mammalia, Cetartiodactyla, Ruminantia)
Name of the conference: International Conference on Ruminant Phylogenetics
Corresponding author: No
City of event: Munich, Germany
Date of event: 02/09/2013
End date: 07/09/2013
Organising entity: Bayerische Staatssammlung für Paläontologie und Geologie
City organizing entity: Munich, Germany



Israel M. Sánchez; Victoria Quiralte; María Ríos; Jorge Morales. "Phylogeny of the Tragulidae (Mammalia, Cetartiodactyla, Ruminantia). Zitteliana, Series B, 31."

9 Title of the work: Preliminary insights on the Giraffidae from Batallones-10 (late Miocene, Madrid, Spain).

Name of the conference: XI Encuentro de Jóvenes Investigadores en Paleontología

Corresponding author: Yes

City of event: Atarfe, Andalusia, Spain

Date of event: 17/04/2013

End date: 20/04/2013

Organising entity: Universidad de Granada

Type of entity: University

City organizing entity: Granada, Andalusia, Spain

María Ríos; Israel M. Sánchez; Jorge Morales. "Preliminary insights on the Giraffidae from Batallones-10 (late Miocene, Madrid, Spain). Trending topics in Paleontology."

10 Title of the work: New findings of the genus *Altomiramys* (Mammalia, Gliridae) in the Lower Miocene (Agenian-Aragonian) of the Ebro and Ribesalbes-Alcora Basins (Spain)

Name of the conference: 8th International Dormouse Conference, Senckenberg Museum of Natural History

Corresponding author: No

City of event: Goerlitz, Germany

Date of event: 22/09/2011

End date: 26/09/2011

Organising entity: Senckenberg Museum of Natural History

Type of entity: Public Research Body

City organizing entity: Goerlitz, Germany

Vicente D. Crespo-Roures; Samuel Mansino; Mar Gonzalez-Pardos; María Ríos; Efrén Colomina; Xavier Murelaga; Plinio Montoya; Matthias Freudenthal; Francisco J. Ruiz-Sanchez. "New findings of the genus *Altomiramys* (Mammalia, Gliridae) in the Lower Miocene (Agenian-Aragonian) of the Ebro and Ribesalbes-Alcora Basins (Spain)".

11 Title of the work: The glirid faunas from Gormaget area (Alcoi Basin, Spain): a case of the impoverished dormice assemblages of the Pliocene

Name of the conference: 8th International Dormouse Conference, Senckenberg Museum of Natural History

Corresponding author: No

City of event: Goerlitz, Germany

Date of event: 22/09/2011

End date: 26/09/2011

Organising entity: Senckenberg Museum of Natural History

Type of entity: Public Research Body

City organizing entity: Goerlitz, Germany

Samuel Mansino; Vicente D. Crespo-Roures; Mar Gonzalez-Pardos; María Ríos; Efrén Colomina; Plinio Montoya; Francisco J. Ruiz-Sanchez. "The glirid faunas from Gormaget area (Alcoi Basin, Spain): a case of the impoverished dormice assemblages of the Pliocene".

12 Title of the work: Enamel microstructure in systematic determination of rodent incisors: *Eomyops noeliae* (Ruiz-Sanchez et al., 2009) from the Aragonian of Eastern Spain

Name of the conference: 1st International Symposium on Paleohistology

Corresponding author: No

City of event: Sabadell, Catalonia, Spain

Date of event: 18/07/2011

End date: 20/07/2011

Organising entity: Institut Català de Paleontologia

City organizing entity: Sabadell, Catalonia, Spain



Samuel Mansino; Vicente D. Crespo-Roures; Mar Gonzalez-Pardos; María Ríos; Efrén Colomina; Plinio Montoya; Francisco J. Ruiz-Sanchez. "Enamel microstructure in systematic determination of rodent incisors: *Eomyops noeliae* (Ruiz-Sanchez et al., 2009) from the Aragonian of Eastern Spain".

Other dissemination activities

- 1** **Title of the work:** Jirafas de la prehistoria
Name of the event: National Geographic web article
Type of event: Media interviews
City of event: Spain
Date of event: 23/08/2018
Organising entity: National Geographic Spain
"https://www.nationalgeographic.com.es/ciencia/grandes-reportajes/jirafas-prehistoria_12405/1".
- 2** **Title of the work:** Mooraffe? Girmoose?
Name of the event: National Geographic magazine article
Type of event: Media interviews
City of event: United States of America
Date of event: 23/08/2018
Organising entity: National Geographic United States of America
Type of entity: Associations and Groups
City organizing entity: United States of America
- 3** **Title of the work:** El Año de la Vida APP
Name of the event: Participation on the recordings of the app "Al año de la vida", an app that lets you virtually visit and see key pieces of natural history museums all over the world
Type of event: App Development
Date of event: 01/05/2018
Organising entity: Museo Nacional de Ciencias Naturales-CSIC
- 4** **Title of the work:** Las jirafas del Mioceno
Name of the event: National Geographic magazine article
Type of event: Media interviews
City of event: Spain
Date of event: 04/02/2018
Organising entity: National Geographic Spain
City organizing entity: Spain
- 5** **Title of the work:** Paleo Profile: King of the Miocene Iberian Giraffes
Name of the event: Scientific American article
Type of event: Media interviews
City of event: United States of America
Date of event: 10/11/2017
Organising entity: Scientific American
"<https://blogs.scientificamerican.com/laelaps/paleo-profile-king-of-the-miocene-iberian-giraffes/>".
- 6** **Title of the work:** Four-Horned Giraffe Ancestor Unearthed in Spain
Name of the event: Smithsonian Magazine article
Type of event: Media interviews
Date of event: 02/11/2017



Organising entity: The Smithsonian Magazine

"<https://www.smithsonianmag.com/smart-news/newly-discovered-specie-rewrites-giraffe-family-tree-180967059/>".

7 Title of the work: Scientists find giraffe's ancient relative

Name of the event: The Australian article

Type of event: Media interviews

City of event: Australia

Date of event: 02/11/2017

Organising entity: The Australian

"<https://www.theaustralian.com.au/news/health-science/scientists-find-giraffes-ancient-relative/news-story/2654f2fab110eb1c0c1f13f1c393de9d>".

8 Title of the work: Ancient Fossil Offers a New European Ancestor to Giraffes Scientists in Spain discovered fossils of a new species of giraffid, *Decennatherium rex*, that had two sets of bony bumps on its head

Name of the event: New York Times article

Type of event: Media interviews

City of event: New York, United States of America

Date of event: 01/11/2017

Organising entity: New York Times

"<https://www.nytimes.com/2017/11/01/science/giraffes-ancestor-fossil.html>".

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

1 Committee title: Scientific Committee 1st Virtual Paleontological Congress

Primary (UNESCO code): 240000 - Life Science; 250000 - Earth and space sciences

Affiliation entity: Universitat de València

City affiliation entity: Valencia, Valencian Community, Spain

Start-End date: 01/12/2018 - 15/12/2018

2 Committee title: Scientific advisor at the exhibition: "Los yacimientos Miocenos del Cerro de los Batallones. La colina de los Tigres Dientes de Sable, Torrejón de Velasco (Comunidad de Madrid)" /The Miocene sites of Cerro de los Batallones, the hill of the saber-Toothed cats, Torrejón de Velasco (Community of Madrid)

Primary (UNESCO code): 241601 - Animal palaeontology

Affiliation entity: Museo Arqueológico Regional de la Comunidad de Madrid **Type of entity:** Public Research Body

City affiliation entity: Madrid, Community of Madrid, Spain

Start-End date: 10/10/2017 - 16/01/2018

Organization of R&D activities

1 Title of the activity: Open doors/Jornadas de puertas abiertas en el Cerro de los Batallones

Type of activity: Science Dissemination

Geographical area: National

Convening entity: Comunidad de Madrid/MNCN-CSIC

Type of entity: State agency

City convening entity: Madrid, Community of Madrid, Spain

Start-End date: 19/07/2018 - 21/07/2019

Duration: 3 days



- 2** **Title of the activity:** Women in Science Trivia/El trivial de las científicas
Type of activity: Science Week/Jornadas Difusión Científica Semana de la Ciencia **Geographical area:** National
Convening entity: Universidad Complutense de Madrid
City convening entity: Madrid, Community of Madrid, Spain
Start-End date: 16/11/2018 - 16/11/2018 **Duration:** 1 day
- 3** **Title of the activity:** Open doors/Jornadas de puertas abiertas en el Cerro de los Batallones
Type of activity: Science Dissemination **Geographical area:** National
Convening entity: Comunidad de Madrid/MNCN-CSIC **Type of entity:** State agency
City convening entity: Madrid, Community of Madrid, Spain
Start-End date: 21/07/2018 - 22/07/2018 **Duration:** 2 days
- 4** **Title of the activity:** GEOLODIA 2018: "La colina de los tigres de dientes de sable"
Type of activity: Jornadas Difusión Científica **Geographical area:** National
Convening entity: Museo Arqueológico Regional **Type of entity:** Public Research Body
City convening entity: Madrid, Community of Madrid, Spain
Start-End date: 12/05/2018 - 12/05/2018 **Duration:** 1 day
- 5** **Title of the activity:** Women with their feet on the ground: the history behind the Somosaguas Fossil site/Mujeres con los pies en la Tierra: La historia detrás del yacimiento de Somosaguas
Type of activity: Science Dissemination **Geographical area:** National
Convening entity: Unidad Complutense de Madrid/Colectivo Mujeres y Ciencia **Type of entity:** University
City convening entity: Madrid, Community of Madrid, Spain
Start-End date: 13/02/2018 - 13/02/2018 **Duration:** 1 day
- 6** **Title of the activity:** Open doors/Jornadas de puertas abiertas en el Cerro de los Batallones
Type of activity: Science Dissemination **Geographical area:** National
Convening entity: Comunidad de Madrid/MNCN-CSIC **Type of entity:** State agency
City convening entity: Madrid, Community of Madrid, Spain
Start-End date: 15/07/2017 - 16/07/2017 **Duration:** 2 days
- 7** **Title of the activity:** Open doors/Jornadas de puertas abiertas en el Cerro de los Batallones
Type of activity: Science Dissemination **Geographical area:** National
Convening entity: Comunidad de Madrid/MNCN-CSIC **Type of entity:** State agency
City convening entity: Madrid, Community of Madrid, Spain
Start-End date: 16/07/2016 - 17/07/2016 **Duration:** 2 days
- 8** **Title of the activity:** Open doors/Jornadas de puertas abiertas en el Cerro de los Batallones
Type of activity: Science Dissemination **Geographical area:** National
Convening entity: Comunidad de Madrid/MNCN-CSIC **Type of entity:** State agency
City convening entity: Madrid, Community of Madrid, Spain
Start-End date: 18/07/2015 - 19/07/2015 **Duration:** 2 days



- 9 Title of the activity:** XIII Meeting of Young Researchers in Paleontology/XIII Encuentro de Jóvenes Investigadores en Paleontología. Cercedilla.
Type of activity: Scientific Conference **Geographical area:** European Union
Convening entity: Universidad Complutense de Madrid **Type of entity:** University
City convening entity: Madrid, Community of Madrid, Spain
Start-End date: 15/04/2015 - 18/04/2015 **Duration:** 4 days

Evaluation and revision of R&D projects and articles

- 1 Name of the activity:** Review of articles in scientific or technological journals
Performed tasks: Scientific reviewer of an article on the first giraffid skulls (*Bohlinia attica*) from the late Miocene Maragheh fauna, Northwest Iran
Entity where activity was carried out: GEOBIOS
City of entity: France
Start date: 29/10/2018
- 2 Name of the activity:** Review of articles in scientific or technological journals
Performed tasks: Scientific reviewer of an article on the fossil Giraffidae (Mammalia, Artiodactyla) from the late-Miocene of Thermopigi (Macedonia, Greece)
Entity where activity was carried out: Palaeontologia Electronica
City of entity: United States of America
Start date: 11/06/2018
- 3 Name of the activity:** Review of articles in scientific or technological journals
Performed tasks: Scientific reviewer of an article on the comparative evaluation of macroevolutionary regimes of Ruminantia and selected mammalian lineages
Entity where activity was carried out: Biological Journal of the Linnean Society
City of entity: United Kingdom
Start date: 17/05/2018

Other achievements

Stays in public or private R&D centres

- 1 Entity:** Archivo Intermedio Comunidad de Murcia **Type of entity:** Public Research Body
City of entity: Murcia, Region of Murcia, Spain
Start-End date: 23/10/2018 - 26/10/2018 **Duration:** 3 days
Goals of the stay: Post-doctoral
Provable tasks: Análisis Giraffidae Puerto de la Cadena
- 2 Entity:** Muséum National d'Histoire Naturelle **Type of entity:** Public Research Body
City of entity: Paris, Île de France, France
Start-End date: 01/05/2016 - 01/07/2016 **Duration:** 2 months
Goals of the stay: Doctorate
Provable tasks: Análisis Giraffidae fósiles



- 3** **Entity:** Museo de Geología Universitat de València
City of entity: Burjasot, Valencian Community, Spain
Start-End date: 07/03/2016 - 11/03/2016 **Duration:** 5 days
Goals of the stay: Doctorate
Provable tasks: Análisis Giraffidae fósiles Crevillente-2
- 4** **Entity:** Natural History Museum **Type of entity:** Public Research Body
City of entity: Londres, United Kingdom
Start-End date: 01/09/2015 - 01/11/2015 **Duration:** 2 months
Goals of the stay: Doctorate
Provable tasks: Análisis Giraffidae fósiles
- 5** **Entity:** American Museum of Natural History **Type of entity:** State agency
Faculty, institute or centre: Centro Investigación
City of entity: Nueva York, United States of America
Start-End date: 01/09/2014 - 28/11/2014 **Duration:** 3 months
Goals of the stay: Doctorate
Provable tasks: Análisis Giraffidae fósiles
- 6** **Entity:** Institut Català de Paleontologia
City of entity: Sabadell, Catalonia, Spain
Start-End date: 08/04/2013 - 12/04/2013 **Duration:** 5 days
Goals of the stay: Doctorate
Provable tasks: Análisis Giraffidae fósiles
- 7** **Entity:** Instituto Andaluz de Ciencias de la Tierra **Type of entity:** Public Research Body
City of entity: Granada, Andalusia, Spain
Start-End date: 01/05/2012 - 30/05/2012 **Duration:** 1 month
Goals of the stay: Estudiante Master
Provable tasks: Análisis Isotópico

Obtained grants and scholarships

- 1** **Name of the grant:** SYNTHESIS+
Aims: Post-doctoral
Awarding entity: European Commission **Type of entity:** European Agency
Conferral date: 08/09/2019 **Duration:** 7 days
End date: 13/09/2019
Entity where activity was carried out: Naturhistorische Museum Wien
- 2** **Name of the grant:** Predoctoral Grant/FPI-MINECO 2012: BES-2012-052589
Aims: Pre-doctoral
Awarding entity: Ministerio de Economía y Competitividad
Conferral date: 28/11/2012 **Duration:** 48 months
End date: 01/12/2016
Entity where activity was carried out: Museo Nacional de Ciencias Naturales- Consejo Superior de Investigaciones Científicas



- 3** **Name of the grant:** Short Stay Grant/Estancias Breves FPI-MINECO 2014: EEBB-I-14-07947
Aims: Pre-doctoral
Awarding entity: Ministerio de Economía y Competitividad
Conferral date: 30/12/2015 **Duration:** 3 months
End date: 30/06/2016
Entity where activity was carried out: American Museum of Natural History
- 4** **Name of the grant:** Short Stay Grant/Estancias Breves FPI-MINECO 2015: EEBB-I-15-09349
Aims: Pre-doctoral
Awarding entity: Ministerio de Economía y Competitividad
Conferral date: 24/02/2015 **Duration:** 2 months
End date: 04/11/2015
Entity where activity was carried out: Natural History Museum
- 5** **Name of the grant:** Short Stay Grant/Estancias Breves FPI-MINECO 2016: EEBB-I-16-10617
Aims: Pre-doctoral
Awarding entity: Ministerio de Economía y Competitividad
Conferral date: 04/12/2013 **Duration:** 2 months
End date: 28/11/2014
Entity where activity was carried out: Muséum National d'Histoire Naturelle
- 6** **Name of the grant:** Collaboration Grant/Beca de colaboración. Departamento de Geología, Universitat de València.
Aims: Pre-doctoral
Awarding entity: Ministerio de Educación **Type of entity:** State agency
Conferral date: 01/11/2010 **Duration:** 8 months
End date: 01/07/2011
Entity where activity was carried out: Universitat de València
- 7** **Name of the grant:** II Olimpiada de Biología de la Comunidad Valenciana
Aims: Matrícula Curso Licenciatura 2005-2006
Awarding entity: Universitat de València
Conferral date: 01/09/2005 **Duration:** 12 months
End date: 01/09/2006
Entity where activity was carried out: Universitat de València

Scientific societies and professional associations

Name of the society: Society of Vertebrate Paleontology
Affiliation entity: Society of Vertebrate Paleontology
City affiliation entity: United States of America
Start date: 2015



Editorial councils

Name of the editorial council: Editorial Committee Current trends in Paleontology and Evolution

Affiliation entity: Universidad Complutense de Madrid **Type of entity:** University

City affiliation entity: Madrid, Community of Madrid, Spain

Start date: 18/04/2014 **Duration:** 1 year

Prizes, mentions and distinctions

Description: Finalist. II Olimpiada de Biología Comunidad Valenciana

Awarding entity: Universitat de València **Type of entity:** University

City awarding entity: Valencia, Valencian Community, Spain

Conferral date: 01/09/2005

Obtained accreditations/recognitions

Description: Assistant Doctor/Ayudante Doctor

Accrediting entity: ANECA **Type of entity:** State agency

City accrediting entity: Madrid, Community of Madrid, Spain

Date of recognition: 24/10/2018

Summary of other achievements

- 1 Description of the achievement:** Participation and organization of the fieldwork campaign at Batallones-10 (Cerro de los Batallones)

Accrediting entity: Comunidad de Madrid/MNCN-CSIC **Type of entity:** Public Research Body

City accrediting entity: Madrid, Community of Madrid, Spain

Conferral date: 04/07/2019
- 2 Description of the achievement:** Participation and organization of the fieldwork campaign at Batallones-10 (Cerro de los Batallones)

Accrediting entity: Comunidad de Madrid/MNCN-CSIC **Type of entity:** Public Research Body

City accrediting entity: Madrid, Community of Madrid, Spain

Conferral date: 01/07/2018
- 3 Description of the achievement:** Participation and organization of the fieldwork campaign at Batallones-10 (Cerro de los Batallones)

Accrediting entity: Comunidad de Madrid/MNCN-CSIC **Type of entity:** Public Research Body

City accrediting entity: Madrid, Community of Madrid, Spain

Conferral date: 01/07/2017



- 4** **Description of the achievement:** Participation and organization of the fieldwork campaign at Batallones-10 (Cerro de los Batallones)
Accrediting entity: Comunidad de Madrid/MNCN-CSIC **Type of entity:** Public Research Body
City accrediting entity: Madrid, Community of Madrid, Spain
Conferral date: 01/07/2016
- 5** **Description of the achievement:** Participation and organization of the fieldwork campaign at Batallones-10 (Cerro de los Batallones)
Accrediting entity: Comunidad de Madrid/MNCN-CSIC **Type of entity:** Public Research Body
City accrediting entity: Madrid, Community of Madrid, Spain
Conferral date: 01/07/2015
- 6** **Description of the achievement:** Participation and organization of the fieldwork campaign at Batallones-10 (Cerro de los Batallones)
Accrediting entity: Comunidad de Madrid/MNCN-CSIC **Type of entity:** Public Research Body
City accrediting entity: Madrid, Community of Madrid, Spain
Conferral date: 01/07/2014
- 7** **Description of the achievement:** Participation of the fieldwork campaign at Corral de Lobato
Accrediting entity: Comunidad de Madrid/MNCN-CSIC **Type of entity:** Public Research Body
City accrediting entity: Madrid, Community of Madrid, Spain
Conferral date: 01/05/2014
- 8** **Description of the achievement:** Participation and organization of the fieldwork campaign at Batallones-10 (Cerro de los Batallones)
Accrediting entity: Comunidad de Madrid/MNCN-CSIC **Type of entity:** Public Research Body
City accrediting entity: Madrid, Community of Madrid, Spain
Conferral date: 01/07/2013
- 9** **Description of the achievement:** Participation of the fieldwork campaign at Corral de Lobato
Accrediting entity: Comunidad de Madrid/MNCN-CSIC **Type of entity:** Public Research Body
City accrediting entity: Madrid, Community of Madrid, Spain
Conferral date: 01/05/2013
- 10** **Description of the achievement:** Participation of the fieldwork campaign at Venta del Moro
Accrediting entity: Universitat de València **Type of entity:** University
City accrediting entity: Valencia, Valencian Community, Spain
Conferral date: 15/09/2012
- 11** **Description of the achievement:** Participation of the fieldwork campaign at Ribesalbes-Alcora (Micropaleontology)
Accrediting entity: Universitat de València **Type of entity:** University
City accrediting entity: Valencia, Valencian Community, Spain
Conferral date: 15/07/2012



- 12** **Description of the achievement:** Participation of the fieldwork campaign at Venta del Moro
Accrediting entity: Universitat de València **Type of entity:** University
City accrediting entity: Valencia, Valencian Community, Spain
Conferral date: 15/09/2011
- 13** **Description of the achievement:** Participation of the fieldwork campaign at Ribesalbes-Alcora (Micropaleontology)
Accrediting entity: Universitat de València **Type of entity:** University
City accrediting entity: Valencia, Valencian Community, Spain
Conferral date: 15/07/2011
- 14** **Description of the achievement:** Student collaboration
Accrediting entity: Departamento de Geología, Universitat de València
City accrediting entity: Valencia, Valencian Community, Spain
Conferral date: 01/07/2011
- 15** **Description of the achievement:** Participation of the fieldwork campaign at Venta del Moro
Accrediting entity: Universitat de València **Type of entity:** University
City accrediting entity: Valencia, Valencian Community, Spain
Conferral date: 15/09/2010
- 16** **Description of the achievement:** Participation of the fieldwork campaign at La Roma-2
Accrediting entity: Fundación Conjunto Paleontológico de Teruel-Dinópolis **Type of entity:** Foundation
City accrediting entity: Teruel, Aragon, Spain
Conferral date: 03/09/2010
- 17** **Description of the achievement:** Participación campaña excavación Batallones-3 (Cerro de los Batallones)
Accrediting entity: Comunidad de Madrid/MNCN-CSIC **Type of entity:** Public Research Body
City accrediting entity: Madrid, Community of Madrid, Spain
Conferral date: 01/07/2010
- 18** **Description of the achievement:** Participation of the fieldwork campaign at Venta del Moro
Accrediting entity: Universitat de València **Type of entity:** University
City accrediting entity: Valencia, Valencian Community, Spain
Conferral date: 15/09/2009
- 19** **Description of the achievement:** Participation of the fieldwork campaign at La Roma-2
Accrediting entity: Fundación Conjunto Paleontológico de Teruel-Dinópolis **Type of entity:** Foundation
City accrediting entity: Teruel, Aragon, Spain
Conferral date: 03/09/2009
- 20** **Description of the achievement:** Participation of the fieldwork campaign at Batallones-3 (Cerro de los Batallones)
Accrediting entity: Comunidad de Madrid/MNCN-CSIC **Type of entity:** Public Research Body
City accrediting entity: Madrid, Community of Madrid, Spain
Conferral date: 01/07/2009



- 21** **Description of the achievement:** Participation of the fieldwork campaign at Venta del Moro
Accrediting entity: Universitat de València **Type of entity:** University
City accrediting entity: Valencia, Valencian Community, Spain
Conferral date: 15/09/2008
- 22** **Description of the achievement:** Participation of the fieldwork campaign at La Roma-2
Accrediting entity: Fundación Conjunto Paleontológico de Teruel-Dinópolis **Type of entity:** Foundation
City accrediting entity: Teruel, Aragon, Spain
Conferral date: 03/09/2008
- 23** **Description of the achievement:** Participation of the fieldwork campaign at Venta del Moro
Accrediting entity: Universitat de València **Type of entity:** University
City accrediting entity: Valencia, Valencian Community, Spain
Conferral date: 15/09/2007
- 24** **Description of the achievement:** Participation of the fieldwork campaign at Venta del Moro
Accrediting entity: Universitat de València **Type of entity:** University
City accrediting entity: Valencia, Valencian Community, Spain
Conferral date: 15/09/2006