



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 6402

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Dipartimento di Bioscienze**

Scientist- in - charge: **Prof. Claudio Bandi**

**Juan Esteban Uribe**

## CURRICULUM VITAE

### PERSONAL INFORMATION

Surname	Uribe Arboleda
Name	Juan Esteban

### PRESENT OCCUPATION

Appointment	Structure
Postdoctoral researcher	Museo Nacional de Ciencias Naturales (MNCN), Madrid, Spain

### EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Biology	Universidad Magdalena (UNIMAG) del	2011
Specialization			
PhD	Biology and Food Sciences	Universidad Autónoma Madrid (UAM) de	2016
Master	Biodiversity	Universidad Autónoma Madrid (UAM) de	2012

### REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
----------------------	-------------	------



## FOREIGN LANGUAGES

Languages	level of knowledge
English	B2
Spanish	native

## AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2020	Atracción de Talento scholarship (Comunidad de Madrid, Spain)
2018	Gaviota Dorada Award, Best researcher as former Student (Universidad del Magdalena)
2017	Peter Buck Postdoctoral Fellowship, Smithsonian Institution (US Government)
2016	Cabrera Award, Best Undergraduate Student (MNCN, Spain)
2016	Annual Award Best contribution to the Malacology (The Malacological Society of London, UK)
2015	Research Travel Grant (Spanish Government: EEBB-I-15-10150)
2014	Sponsorship Grant, Synthesys Program (European Union)
2014	Research Travel Grant (Spanish Government: EEBB-I-14-08866)
2011	Predoctoral FPI scholarship (Spanish Government: BES-2011-051469)

## TRAINING OR RESEARCH ACTIVITY

2022-2025	Research Associate, Smithsonian Institution (SI), National Museum of Natural History (NMNH), Invertebrate Zoology Department (IZ), Washington DC, US.
2020-ongoing	Postdoctoral Position, MNCN, Madrid, Spain.
2019-2022	Research Associate, Smithsonian Institution (SI), National Museum of Natural History (NMNH), Invertebrate Zoology Department (IZ), Washington DC, US.
2017-2019	Postdoctoral Position, SI, NMNH-IZ, Washington DC, US.
2017	Postdoctoral contract, GIESEMOL, Universidad del Magdalena, Colombia.
2015	Research Stay, Muséum National d'Histoire Naturelle (MNHN), Paris, France.
2014	Research Stay, Muséum National d'Histoire Naturelle (MNHN), Paris, France.
2011-2016	Predoctoral Position, MNCN, Madrid, Spain.
2009-2011	Undergraduate Research Training, GIESEMOL, Universidad del Magdalena, Colombia.

## PROJECT ACTIVITY

Year	Project
2023 - 2024	<ul style="list-style-type: none"><li>- Field entomological studies service to be included in the computer tool of the general subdirectorate of digital health services for the surveillance of tick species that can act as vectors of diseases of importance to human health</li></ul> Museo Nacional de Ciencias Naturales (MNCN), Madrid, Spain. Funding entity: Ministry of Health, Spain.



2023 - 2024	- Genome sequencing at the chromosome level of <i>Hyalomma lusitanicum</i> Museo Nacional de Ciencias Naturales (MNCN), Madrid, Spain. Funding entity: ERGA consorcio, European Union.
2020 - 2023	- Genomics of adaptation in evolutionary radiations (RadGen): Comparative genomics and transcriptomics of the marine evolutionary radiation of cones (Gastropoda: Conidae) Museo Nacional de Ciencias Naturales (MNCN), Madrid, Spain. Funding entity: Ministerio de Ciencia e Innovación, Spain.
2019 - 2020	- DNA barcoding and patterns of diversification of Montane Hispaniolan Orthoptera Smithsonian National Museum of Natural History (NMNH), Washington DC, US. Funding entity: Smithsonian Institution, Washington DC, US.
2017 - 2019	- Phylogenomic relationships of Vetigastropoda (Mollusca, Gastropoda) Smithsonian National Museum of Natural History (NMNH), Washington DC, US. Funding entity: Smithsonian Institution, Washington DC, US.
2018 - 2019	- Phylogenomics of (Veti)Gastropoda Smithsonian National Museum of Natural History (NMNH), Washington DC, US. Funding entity: Museo Nacional de Ciencias Naturales (MNCN) Madrid, Spain.
2014 - 2016	- Understanding the molecular basis of radiations in islands: an evolutionary study of conotoxins in the African snail <i>Africonus</i> of Cape Verde using transcriptomics. Museo Nacional de Ciencias Naturales (MNCN), Madrid, Spain. Funding entity: Ministerio de Ciencia e Innovación, Spain.
2011 - 2013	- Mitogenomic of the main clades of gastropods Museo Nacional de Ciencias Naturales (MNCN), Madrid, Spain. Funding entity: Ministerio de Ciencia e Innovación, Spain.

## CONGRESSES AND SEMINARS

Date	Title	Place
2023-June	XX Congreso Ibérico de Entomología	Alicante, Spain.
2023-February	XXIII Seminario de Genética de Poblaciones y Evolución (SGPE)	Oviedo, Spain.
2022-August	21th World Congress of Malacology (WCM)	Munich, Germany.
2022-February	VIII Congress of the Sociedad Española de Biología Evolutiva (SESBE)	Vigo, Spain.
2020-February	VII Congress of the Sociedad Española de Biología Evolutiva (SESBE).	Sevilla, Spain
2019-August	20th World Congress of Malacology (WCM)	San Fransisco, USA.
2018-December	V Congreso Colombia de Zoología	Bogotá, Colombia.
2018-April	Mid-Atlantic Malacologists (MAM) Meeting	Dalawere, USA.
2018-January	IV Iberian Congress of Biological Systematics (CISA)	Palma de Mallorca, Spain.



2016- January	V Congress of the Sociedad Española de Biología Evolutiva (SESBE)	Murcia, Spain.
2016-July	19th World Congress of Malacology (WCM)	Penang, Malaysia.
2014- January	3rd Meeting of The network for Neotropical Biogeography (NNB3)	Bogotá, Colombia.

## PUBLICATIONS

Articles in reviews	
Ossa-López P.A., <b>URIBE J.E.</b> , Ramírez-Chaves H.E., Rivera-Páez F.A. 2024. First mitochondrial genome of <i>Amblyomma triste</i> Koch, 1844 (Acari: Ixodidae): Evidence for the study of species within the <i>A. maculatum</i> group. <i>Systematic and Applied Acarology</i> 29(1): 93-108. <a href="https://doi.org/10.11158/saa.29.1.7">https://doi.org/10.11158/saa.29.1.7</a>	
Oyarzún-Ruiz P., Thomas R.S., Santodomingo A.M., <b>URIBE J.E.</b> , Ardila M.M., Echeverry D.M., Muñoz-Leal S., Silva-de la Fuente M.C., Loyola M., Palma C.J., Landaeta-Aqueveque C., Henríquez A. 2023. Survey and molecular characterization of Sarcocystidae protozoa in wild cricetid rodents from central and southern Chile. <i>Animals</i> , 13(13), 2100. <a href="https://doi.org/10.3390/ani13132100">https://doi.org/10.3390/ani13132100</a>	
Abalde S., Crocetta F., Tenorio M.J., D'aniello S., Fassio G., Rodríguez-Flores P.C., <b>URIBE J.E.</b> , Afonso C.M., Oliverio M., Zardoya R. 2023. Hidden species diversity and mito-nuclear discordance within the Mediterranean cone snail, <i>Lautoconus ventricosus</i> . <i>Molecular Phylogenetics and Evolution</i> , 186, 107838. <a href="https://doi.org/10.1016/j.ympev.2023.107838">https://doi.org/10.1016/j.ympev.2023.107838</a>	
Cotes-Perdomo A.P., Nava S., Castro L.R., Rivera-Paéz F.A., Cortés-Vecino J.A., <b>URIBE J.E.</b> 2023. Phylogenetic relationships of the <i>Amblyomma cajennense</i> complex (Acari: Ixodidae) at mitogenomic resolution. <i>Ticks and Tick-borne Diseases</i> . 14, 102125.	
Santodomingo A., Thomas R., Robbiano S., <b>URIBE J.E.</b> , Parragué-Migone C., Cabello-Stom J., Vera-Otarola F., Valencia- Soto C., Moreira-Arce D., Moreno L., Hidalgo-Hermoso E., Muñoz-Leal S. 2023. Wild deer ( <i>Pudu puda</i> ) from Chile harbor a novel ecotype of <i>Anaplasma phagocytophilum</i> . <i>Parasites &amp; Vectors</i> , 16:38. <a href="https://doi.org/10.1186/s13071-023-05657-9">https://doi.org/10.1186/s13071-023-05657-9</a>	
<b>URIBE J.E.</b> , González L.V., Irisarri I., Yasunori K., Herbert D.G., Strong E.E., Harasewych M.G. 2022. A phylogenomic backbone for gastropod molluscs. <i>Systematic Biology</i> , 71 (6), 1271-1280. <a href="https://doi.org/10.1093/sysbio/syac045">https://doi.org/10.1093/sysbio/syac045</a>	
Harasewych M.G., Sei M., <b>URIBE J.E.</b> 2022. The complete mitochondrial genome of <i>Coralliophila richardi</i> (P. Fischer, 1882) (Neogastropoda: Muricidae: Coralliophilinae). <i>Nautilus</i> , 136(1-2), 1-11.	
<b>URIBE J.E.</b> , Sei M., Harasewych M.G. 2022. The mitogenome of the sunken wood limpet <i>Notocrater youngi</i> McLean & Harasewych: Insights into mitogenome evolution in Lepetellida (Gastropoda: Vetigastropoda). <i>Journal of Molluscan Studies</i> , 88(2), eyac009. <a href="https://doi.org/10.1093/mollus/eyac009">https://doi.org/10.1093/mollus/eyac009</a>	
Ossa-López P.A., Robayo-Sánchez L.N., <b>URIBE J.E.</b> , Ramírez- Hernández A., Ramírez-Chaves H.E., Cortés-Vecino J.A., Rivera- Páez F.A. 2022. Extension of the distribution of <i>Amblyomma triste</i> Koch, 1844: morphological and molecular confirmation of Morphotype I in Colombia. <i>Ticks and Tick-borne Diseases</i> , 101923. <a href="https://doi.org/10.1016/j.ttbdis.2022.101923">https://doi.org/10.1016/j.ttbdis.2022.101923</a>	
López-Estrada E.K., Sanmartín I., <b>URIBE J.E.</b> , Abalde S., Jiménez-Ruiz Y., García-París M. 2022. Mitogenomics and hidden-trait models reveal the role of phoresy and host shifts in the diversification of parasitoid blister beetles (Coleoptera: Meloidae). <i>Molecular Ecology</i> , 1-22. <a href="https://doi.org/10.1111/mec.16390">https://doi.org/10.1111/mec.16390</a>	
Santodomingo A., <b>URIBE J.E.</b> , Lopez G., Castro L.R. 2021. Phylogenetic insights into the genus <i>Amblyomma</i> in America, including the endangered species <i>Amblyomma albopictum</i> , <i>Amblyomma macfarlandi</i> , and <i>Amblyomma usingeri</i> . <i>International Journal of Acarology</i> 47 (5), 427-435.	



<a href="https://doi.org/10.1080/01647954.2021.1933176">https://doi.org/10.1080/01647954.2021.1933176</a>
<b>URIBE J.E.</b> , Fedosov A.E., Murphy K.R., Sei M., Harasewych M.G. 2021. The complete mitochondrial genome of <i>Costapex baldwinae</i> (Gastropoda: Neogastropoda: Turbinelloidea: Costellariidae) from the Caribbean Deep-Sea. Mitochondrial DNA Part B 6 (3), 943-945. <a href="https://doi.org/10.1080/23802359.2021.1889408">https://doi.org/10.1080/23802359.2021.1889408</a>
Harasewych M.G., URIBE J.E., Fedosov A.E. 2020. <i>Costapex baldwinae</i> , a new species of bathyal costellariid (Mollusca: Gastropoda: Neogastropoda: Costellariidae) from the Caribbean Sea. The Proceedings of the Biological Society of Washington, 133(1):134-141. <a href="https://doi.org/10.2988/20-00010">https://doi.org/10.2988/20-00010</a>
<b>URIBE J.E.</b> , Nava, S., Murphy, K.R., Tarragona, E., Castro, L. 2020. Characterization of the complete mitochondrial genome of <i>Amblyomma ovale</i> , comparative analyses and phylogenetic considerations. Experimental and Applied Acarology. <a href="https://doi.org/10.1007/s10493-020-00512-3">https://doi.org/10.1007/s10493-020-00512-3</a>
Harasewych M.G., Sei M., & <b>URIBE J.E.</b> 2020. The complete mitochondrial genome of <i>Harpovoluta charcoti</i> (Gastropoda: Neogastropoda: Volutidae). Mitochondrial DNA Part B, 5(2):1986-1988. <a href="https://doi.org/10.1080/23802359.2020.1756963">https://doi.org/10.1080/23802359.2020.1756963</a>
Irisarri I., <b>URIBE, J.E.</b> , Eernisse, D., Zardoya R. 2020. A mitogenomic phylogeny of chitons (Mollusca: Polyplacophora). BMC Evolutionary Biology, 20(1): 1- 15. <a href="https://doi.org/10.1186/s12862-019-1573-2">https://doi.org/10.1186/s12862-019-1573-2</a>
<b>URIBE, J.E.</b> , Irisarri I., Templado J., Zardoya R. 2019. New patellogastropod mitogenomes help counteracting long-branch attraction in the deep phylogeny of gastropod mollusks. Molecular Phylogenetics and Evolution, 133:12-23. <a href="https://doi.org/10.1016/j.ympev.2018.12.019">https://doi.org/10.1016/j.ympev.2018.12.019</a>
Abalde S., Tenorio M.J., <b>URIBE J.E.</b> , Zardoya R. 2019. Conidae phylogenomics and evolution. Zoologica Scripta, 48(2):194-214. <a href="https://doi.org/10.1111/zsc.12329">https://doi.org/10.1111/zsc.12329</a>
<b>URIBE, J.E.</b> , Zardoya R. Puillandre, N. Phylogenetic relationships of the conoidean snails (Gastropoda: Caenogastropoda) based on mitochondrial genomes. Molecular Phylogenetics and Evolution, 127:898-906. <a href="https://doi.org/10.1016/j.ympev.2018.06.037">https://doi.org/10.1016/j.ympev.2018.06.037</a>
Abalde S., Tenorio M.J., Afonso C.M., <b>URIBE J.E.</b> , Echeverry A.M., Zardoya R. 2017. Phylogenetic relationships of cone snails endemic to Cabo Verde based on mitochondrial genomes. BMC Evolutionary Biology, 17(1):231. <a href="https://doi.org/10.1186/s12862-017-1069-x">https://doi.org/10.1186/s12862-017-1069-x</a>
<b>URIBE J.E.</b> , Zardoya R. 2017. Revisiting the phylogeny of Cephalopoda using complete mitochondrial genomes. Journal of Molluscan Studies, 83 (2):133-144. <a href="https://doi.org/10.1093/mollus/eyw052">https://doi.org/10.1093/mollus/eyw052</a>
<b>URIBE J.E.</b> , Williams S.T., Templado J., Abalde S., Zardoya R. Denser mitogenomic sampling improves resolution of the phylogeny of the superfamily Trochoidea (Gastropoda: Vetigastropoda). Journal of Molluscan Studies, 83(1):111-118. <a href="https://doi.org/10.1093/mollus/eyw049">https://doi.org/10.1093/mollus/eyw049</a>
<b>URIBE J.E.</b> , Williams S.T., Templado J., Buge B., Zardoya R. Phylogenetic relationships of Mediterranean and North-East Atlantic Cantharidinae and notes on Stomatellinae (Vetigastropoda: Trochidae). Molecular Phylogenetics and Evolution, 107:64-79. <a href="https://doi.org/10.1016/j.ympev.2016.10.009">https://doi.org/10.1016/j.ympev.2016.10.009</a>
<b>URIBE J.E.</b> , COLGAN D., CASTRO L.R., KANO Y., ZARDOYA R. Phylogenetic relationships among superfamilies of Neritimorpha (Mollusca: Gastropoda). Molecular Phylogenetics and Evolution, 104:21-31. <a href="https://doi.org/10.1016/j.ympev.2016.07.021">https://doi.org/10.1016/j.ympev.2016.07.021</a>
<b>URIBE J.E.</b> , GUTIÉRREZ-RODRÍGUEZ J. 2016. The complete mitogenome of the Trilobite Beetle, <i>Platerodrilus</i> sp. (Elateroidea: Lycidae). Mitochondrial DNA Part B, 1(1):658-659. <a href="https://doi.org/10.1080/23802359.2016.1219626">https://doi.org/10.1080/23802359.2016.1219626</a>
<b>URIBE, J.E.</b> , KANO, Y., TEMPLADO, J., ZARDOYA, R. 2016. Mitogenomics of Vetigastropoda: insights into the evolution of pallial symmetry. Zoologica Scripta 42(2):145-159. <a href="https://doi.org/10.1111/zsc.12146">https://doi.org/10.1111/zsc.12146</a>
ARQUEZ, M., <b>URIBE, J.E.</b> , CASTRO L.R. Comparative analysis of the mitochondrial genomes in Gastropods. Acta biológica Colombiana, 17(2): 397-41. <a href="http://www.scielo.org.co/scielo.php?script=sci_arttext&amp;pid=S0120-548X2012000200013">http://www.scielo.org.co/scielo.php?script=sci_arttext&amp;pid=S0120-548X2012000200013</a>



Congress proceedings
[title, structure, place, year]
Hyalomma Koch, 1844 (Acari: Ixodidae) phylogeny: A mitogenomic approach. <b>URIBE, J.E.</b> , Thomas R., Santodomingo A.2., Ossa-López P., Sánchez M., Fernández N., Valcárcel F., Olmeda A.S. 2023. XX Congreso Ibérico de Entomología, Alicante, Spain.
Metagenomic exploration of Coxiella (Derrick, 1939) Philip, 1948 endosymbionts diversity in ticks: new insight from phylogenomic analyses. Santodomingo A., Thomas-Sánchez R., Ossa-López, P., García-París M., Sánchez M., Fernández N., Olmeda Á.S., Valcárcel F., Nava S., Muñoz-Leal S., <b>URIBE J.E.</b> 2023. XX Congreso Ibérico de Entomología, Alicante, Spain.
Venómica de la adaptación en los caracoles de la familia Conidae. Pardos-Blas J.R., <b>URIBE J.E.</b> , Herráez A., Grande C., Templado J., Galindo J.C., Tenorio M.J., Zardoya R. 2023. XXIII Seminario de Genética de Poblaciones y Evolución (SGPE), Oviedo, Spain. Oral presentation.
Cantharidinae (Vetigastropoda: Trochoidea) phylogenomics unveils the origin, evolution, and potential biogeographic events of the western temperate clades. <b>URIBE J.E.</b> , Herbert D.G., Abalde S., Templado J., Zardoya R. 2022. 21th World Congress of Malacology (WCM), Munich, Germany. Oral presentation.
A phylogenomic backbone for gastropod molluscs. <b>URIBE J.E.</b> , González V.L., Kano Y., Herbert D.G., Irisarri I., Strong E.E., Harasewych M.G. 2022. VIII Congress of the Sociedad Española de Biología Evolutiva (SESBE), Vigo, Spain.
Host jump triggered replicated adaptive radiations in a single clade of blister beetles (Coleoptera: Meloidae). López-Estrada L.E., Sanmartín I., <b>URIBE J.E.</b> , Abalde S., Mario García-París M. 2020. VII Congress of the Sociedad Española de Biología Evolutiva (SESBE). Sevilla, Spain. Oral presentation.
Transcriptome Based Phylogeny of Gastropoda. Uribe J.E., González V.L., Kano Y., Herbert D.G., Strong E.E., Harasewych M.G. 2019. 20th World Congress of Malacology (WCM), San Francisco, USA. Oral presentation.
A Mitogenomic Phylogeny of Chitons (Mollusca: Polyplacophora). Irisarri I., <b>URIBE J.E.</b> , Eernisse D.J., Zardoya R. 2019. 20th World Congress of Malacology (WCM), San Francisco, USA. Poster.
West Africa cone snails (Gastropoda: Conidae) diversity and evolution inferred through mitogenomics. Abalde S., Tenorio M.J., Afonso C.M.L., <b>URIBE J.E.</b> , Zardoya R. 2018. IV Iberian Congress of Biological Systematics, Palama, Spain. Oral presentation.
Advances in the mitogenome catalogue of gastropods. <b>URIBE J.E.</b> , Osca D., Abalde S., Kano Y., Puillandre N., Templado J., Zardoya R. 2016. 19th World Congress of Malacology (WCM), Penang, Malaysia. Oral presentation.
Diversificación de la familia Meloidae (Coleoptera) y evolución de caracteres relacionados con su ciclo vital. López-Estrada L.E., <b>URIBE J.E.</b> , Abalde S., Mario García-París M. 2018. V Congreso Colombia de Zoología, Bogotá, Colombia.
Phylogenetic position of the pleurotomariid snails using mitogenomics (Mollusca: Gastropoda: Vetigastropoda). Harasewych M.G., González V.L., Villar D., String E.E., <b>URIBE J.E.</b> 2018. V Congreso Colombia de Zoología, Bogotá, Colombia.
Mitogenomes of Patellogastropoda and its contribution to resolving the phylogeny of gastropods. <b>URIBE J.E.</b> , Irisarri I., Templado J., Zardoya R. 2018. V Congreso Colombia de Zoología, Bogotá, Colombia.
Phylogenetic relationships and biogeographic patterns of the subfamily Cantharidinae (Vetigastropoda: Trochidae). Uribe J.E., Templado J., Williams S.T., Álvarez R., Zardoya R. 2014. 3rd meeting of the Network for Neotropical Biogeography, Bogotá, Colombia. Poster.



## OTHER INFORMATION


Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: Madrid, 12<sup>th</sup> February, 2024