

CURRICULUM VITAE

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Education

Pedagogy in Biological Sciences, Universidad Católica de Chile, 1986.
Ph.D. in Zoology , University of Chile 2000.

Current position

- Associate professor, Universidad of Chile.
- Laboratorio de Genética y Evolución, Departamento Ciencias Ecológicas, Facultad de Ciencias, Universidad de Chile (www.gevol.cl).
- Research Affiliate, Instituto de Ecología y Biodiversidad, Iniciativa Científica Milenio (www.ieb-chile.cl).
- Research Associate. Centro FONDAF de Regulación del Genoma. Universidad de Chile.
- Associate Investigator. Centro FONDAF de Ecología Aplicada y Sustentabilidad (CAPES, Center of Applied Ecology & Sustainability). P. Universidad Católica de Chile.

Fellowships Honors and Prizes

- Predoctoral fellowship CONICYT (National Comision of Sciences and Technology, 1996-1998); Postgraduate fellowships of Universidad de Chile (PGI-007, PGI-004) 1996-1998.
- Predoctoral fellowships DAAD-CONICYT (Deutcher Akademischer Austausch Dienst), Evolutionary Genetics Laboratoty, Dr. Diethard Tautz., Cologne University, 1999-2000.
- Fellow of the Center for Advanced Studies in Ecology & Biodiversity (CASEB). Departamento de Ecología. Pontificia Universidad Catolica de Chile (2004 -2009).

Research Projects

- (1) "Comparative Ecology and Behavior of Vocal Sac- Brooding Frogs". Research assistant. **Grant 5608-96. National Geographic Society**. Period: 1996-1998. Research assistant.
- (2) "El canto de liberación en el grupo *spinulosus* consideraciones energéticas e históricas". **FONDECYT 2960012**. Period: 1996-1998. Principal investigator.
- (3) "Filogeografía de *Bufo spinulosus*: Patrones de variación morfológica y molecular a lo largo de su rango de distribución:" **FONDECYT 3000048**. Period: 2000-2003. Principal investigator.
- (4) "Biodiversity Assessment and Systematization of Existing Biological Knowledge on the Coastal Range of the Lakes, X Region, Chile. FC49. **World Wide Foundation (WWF)**. Period: 2001-2002. Co-investigator.

- (5) "Variación de atributos morfológicos y de historia de vida en *Bufo spinulosus*: consideraciones ontogenéticas, espaciales e históricas". Period: 2006-2009. **FONDECYT 1061256**. Principal investigator.
- (6) "Biodiversidad y conservación de cuencas andinas". Period: 2007-2011. **Iniciativa Programas Domeyko, Proyectos de Biodiversidad, Iniciativa transversal 1**. Universidad de Chile. Principal investigator.
- (7) "Relaciones filogenéticas y evolución del complejo *agassizii* (Teleostei, Cyprinodontidae) : un modelo de especiación para el Altiplano". Period: 2007-2010. **FONDECYT 1080390**. Co-investigador.
- (8) "Vertebrates on Chilean mountaintops: how the glacial cycles of the Pleistocene shaped the genetic and biogeographic structure of populations". Period: 2010-2012. **FONDECYT 1100558**. Co-investigador.
- (9) "Patterns and processes of speciation in *Telmatobius* in the southern altiplano: evaluating the importance of historical and ecological factors". Period: 2011-2013. **FONDECYT 1110188**. Principal investigator.
- (10) "Relaciones filogenéticas del género *Orestias* (Teleostei; Cyprinodontidae) y el proceso de especiación en el Altiplano. Duración 2011-2013. **ECOS-CONICYT C10802**. Principal investigator.
- (11) "The genus *Orestias* (Teleostei; Cyprinodontidae) in systems of the Lauca National Park, southwestern altiplano. Early differentiation? An integrated approach". Duración: 2011-2013. **FONDECYT 1110243**. Co-investigador.
- (12) "Patrones de especiación en poblaciones del género *Littoridina* Souleyet, 1852 del Altiplano Sur andino". Period: 2010-2013. **FONDECYT 3110072**, Chile. Proyecto de Postdoctorado IP: Gonzalo Collado. Sponsorship.
- (13) "Geographic trends of intraspecific genealogical diversity and their association with paleo-scenarios and conservation efforts in Chile". Period: 2012-2014. **FONDECYT 1120872**. Co-investigador.
- (14) "Evolutionary biogeography of the southeastern Pacific polyplacophorans". Period: 2013-2016. **FONDECYT 1130266**. Co-investigador.
- (15) "Integrative taxonomy, systematics and hydrographic history of the genus *Telmatobius* (Anura: Telmatobiidae): disentangling their hidden biodiversity and diversification history". Period: 2014-2018. **FONDECYT 1140540**. Principal investigator.
- (16) "Red de colaboración internacional para estudios en Biodiversidad y Conservación del altiplano". Period: 2013-2014. **CONICYT Código REDES130016**. Principal investigator.
- (17) "Evolutionary history of *Orestias agassii* in the Altiplano: An holistic approach using multiple taxonomic evidence, hydrological history and limnological information". Duración: 2014-2018. **FONDECYT 1140543**. Co-investigador.
- (18) "Parasitism and skewed host sex ratio in a protozoan – insect system: integrating field and laboratory evidence". Period: 2014-2017. **FONDECYT 1140521**. Co-investigador.
- (19) "Filogeografía comparada de moluscos litorales de la costa chilena: determinando la relevancia de las estrategias de desarrollo larval en su historia evolutiva". Period: 2013-2016. **FONDECYT 3140610**, Chile. Principal investigator: M. C. Pardo. Sponsorship.
- (20) "Acciones de Conservación para la rana chilena (*Calyptocephalella gayi*)". **Subsecretaría del Medio Ambiente, Gobierno de Chile. Etapa I**. Period: 2015.
- (21) "Integrative taxonomy and molecular phylogenetic analysis of genus *Heleobia* Stimpson, 1865 (Caenogastropoda: Truncatelloidea) from the Andean Altiplano". **ECOS150003 - C15B02**. Period: 2016-2018. **Proyecto de Cooperación Internacional (PCI) ECOS-CONICYT** (Chile-Francia).

(22) “Acciones de Conservación para la rana chilena (*Calyptocephalella gayi*)”. **Subsecretaría del Medio Ambiente, Gobierno de Chile. Etapa II.** Period: 2016-2019.

Outreach activities

- Organizing Workshop “*Biodiversidad de Cuencas Andinas: limnología, paleoecología y sistemática*”. Responsible coordinator. In this seminar scientists presented the latest research that took place in the Altiplano (Andean plateau) by scientist from Chile, France, Bolivia, Argentina. This seminar was funded by CONICYT (Proyecto REDES de Colaboración Internacional) and the Milenium Institute of Ecology and Evolution (IEB). 2014.
- Post-title specialization “*Comunicación de la Ciencia*”. Academic coordinator of Post-title. Facultad de Ciencias, Universidad de Chile. 2014-2015. Target audience: Professionals from the journalist area, scientific management, educators, scientist, journalist, artist and others who are interested in the interface between science and society.
- Project “*Understanding evolutionary biology: an initiative to improve the teaching of evolution in Chilean high schools*”. Product: Creating an e-book. Funded by the European Society of Evolutionary Biology (ESEB). Target audience: Highschool teachers and undergrad students. 2012.
- Project: *Explorando y descubriendo la biodiversidad de la zona Altoandina de Chile: un mundo por descubrir*. Project orientated for educational activities in the II Región. XIII Concurso Proyectos de divulgación y valorización de la Ciencia y Tecnología. *Co-responsible*, alongside Ms. Paola Jara. *Executors*: Milenium Institute of Ecology and Evolution (IEB) and Universidad de Chile. 2009.
- Project “*Atlas de biodiversidad de anfibios y reptiles de la Región Metropolitana de Chile, una herramienta para la gestión de los recursos naturales*”. 2010. Fondo de Protección Ambiental (FPA) RM-058-2010. 2010.
- Project Iniciativa Domeyko, Universidad de Chile. Proyecto *Biodiversidad del Altiplano Chileno: Educación ambiental y conservación*. This project involved a) Development of an environmental educational project through the website <http://www.altiplanosur.cl>; b) Implementation of educational activities in the II Región, School work module; c) Development of a workshop in the limnology congress about the Andean water basins. 2010

Teaching Duties

Undergraduate: Zoology of Vertebrates; Evolutionary Biology, Population Genetics.

Graduate: Evolutionary Ecology, Phylogenetic Inferences (Coordinator), Biostatistics (Coordinator), Philosophy of Biology (Coordinator), Philosophy of Sciences (Coordinator).

Advisor of Postgraduate Thesis Postgrado last 10 años:

Magister: a) Finished: 19; b) on going: 3.

Doctorate: a) Finished: 18 ; b) on going: 6.

Publications

2016. Collado G., Valladares M. & **M. Méndez**. A new species of Cochliopidae from the Chilean Altiplano. *Zootaxa* 4137 (2): 277–280. **ISI: 0.973.**
2016. Salazar E., Correa J., Araya M. J., **Méndez M. A.** & Carrasco B. Phenotypic diversity and relationships among Chilean Choclero maize (*Zea mays* L. *mays*) landraces. *Plant Genetic Resources* 1–13 **ISI: 0.422.**
2016. Pastenes L, Valdivieso, C, Del Pozo T & **M. A. Méndez**. The complete mitochondrial genome of the Chilean endemic frog *Telmatobius chusmisensis* Formas, Cuevas & Nuñez, 2006 (Anura, Telmatobiidae). Mitochondrial DNA Part B, 1:1, 136-137 **ISI: 1.209.**
2016. Collado G., Valladares M. & **M. Méndez**. Unraveling cryptic species of freshwater snail (Caenogastropoda, Truncatelloidea) in the Loa River basin, Atacama Desert. *Systematics and Biodiversity*. (doi: 0.1080/14772000.2016.1153526). **ISI: 2.191.**
2015. Guerrero C. J., Poulin E., **Méndez M. A.** & Vila I. Caracterización trófica de *Orestias* (Teleostei: Cyprinodontidae) en el Parque Nacional Lauca. *Gayana* 79(1): 18-25. **ISI: 0.388**
2016. Cruz-Jofré, F., Morales, P., Vila, I., Esquer-Garrigos, Y., Hugueny, B., Gaubert, P., Poulin, E. & **Méndez, M.A.** Geographic isolation and genetic differentiation, the case of *Orestias ascotanensis* (Teleostei; Cyprinodontidae), an Andean killifish inhabiting an highland salt pan. *Biological Journal of Linnean Society* 117: 747-759. **ISI: 2.264.**
2015. Victoriano P. F., Muñoz-Mendoza C., Sáez P. A., Salinas H. F., Muñoz-Ramírez C., Sallaberry M., Fibla P. & **Méndez M. A.** Evolution and Conservation on Top of the World: Phylogeography of the Marbled Water Frog (*Telmatobius marmoratus* Species Complex; Anura, Telmatobiidae) in Protected Areas of Chile. *Journal of Heredity* 106 (S1): 546-559. **ISI: 2.088.**
2015. A. Charrier, C. Correa, C. Castro & **M. A. Méndez**. A new species of *Alsodes* (Anura: Alsodidae) from Altos de Cantillana, central Chile. *Zootaxa* 3915 (4): 540–550. **ISI: 0.973.**
2014. P. Sáez, P. Fibla, C. Correa, M. Sallaberry, H. Salinas, A. Veloso, J. Mella, P. Iturra & **M. A. Méndez**. A new endemic lineage of Andean frog genus *Telmatobius* (Anura, Telmatobiidae) from the western slope of the Central Andes. *Zoological Journal of Linnean Society* 171, 769–782. **ISI: 2.583.**
2014. Lobos G., **M. A. Mendez**, P. Cattán & F. Jaksic. Low genetic diversity of the successful invasive African clawed frog *Xenopus laevis* (Pipidae) in Chile. *Studies on Neotropical Fauna and Environment*. 49(1): 50-60. **ISI: 0.662.**
2014. Collado Gonzalo A, Salinas Hugo F & **Méndez M. A.** Genetic, morphological, and life history traits variation in freshwater snails from extremely high environments of the Andean Altiplano. *Zoological Studies* 53(1) (doi:10.1186/1810-522X-53-14). **ISI: 1.261.**
2014. Cruz-Jofré F., Morales P. , Esquer-Garrigos Y., Vila I, Hugueny B., Gaubert P. & **Méndez M. A.** Taxonomic identity of the forms of *Orestias agassii* (Teleostei: Cyprinodontidae) from Chile: a morphological comparison with the syntypes of the species of Peru and Bolivia. *Gayana* 78(1): 41-45. **ISI: 0.388**
2014. Araya C., Rosales I. M. & **Méndez M. A.** Identification and geographic distribution of genetic groups of *Erysiphe necator* in Chilean vineyards. *Vitis* 53(3): 165-167. **ISI: 0.794.**

2014. P. Jara-Arancio, M.T.K. Arroyo, P.C. Guerrero, L.F. Hinojosa, G. Arancio & **M. A. Méndez**. Phylogenetic perspectives on biome shifts in *Leucocoryne* (Alliaceae) in relation to climatic niche evolution in western South America. *Journal of Biogeography* 41: 328-338. **ISI: 4.544**
2013. Ramírez-Fernández L., C. Zúñiga, **Méndez M. A.**, M. Caru & J. Orlando. Genetic diversity of terricolous *Peltigera* cyano-lichens communities in different conservation states of native forest from Southern Chile. *International Microbiology* 16 (4): 243-252. **ISI: 2.556**.
2013. Correa, C., L. Pastenes, P. Iturra, P. Calderón, D. Vásquez, N. Lam, H. Salinas & **M. A. Méndez**. Confirmation of the presence of *Alsodes pehuenche* Cei, 1976 (Anura, Cycloramphidae) in Chile: morphological, chromosomal and molecular evidence. *Gayana* 77(2): 117-123. **ISI: 0.388**
2013. Correa, C., **M. A. Méndez**, S. Araya, G. Lobos & E. Palma. A hybrid zone of two toad sister species, *Rhinella atacamensis* and *R. arunco* (Anura, Bufonidae), defined by a consistent altitudinal segregation in watersheds. *Revista Chilena de Historia Natural* 86 (2): 115-125. **ISI: 0.929**
2013. Collado G, Valladares M. A. & **Méndez M. A.** Hidden diversity in spring snails from the Andean Altiplano, the second highest plateau on Earth, and the Atacama Desert, the driest place in the world. *Zoological Studies* 52:50-63. **ISI: 1.261**.
- 2013 Cruz-Jofré F., Valladares M., Vila I. & **Méndez M. A.** The genus *Orestias* (Teleostei: Cyprinodontidae): nomenclatural errors in the assignation of species names. *Zootaxa* 3746 (4): 597–599. **ISI: 0.973**
2013. Collado, G. & **M. A. Méndez**. Microgeographic differentiation among closely related species of *Biomphalaria* (Gastropoda: Planorbidae) from the Andean Altiplano. *Zoological Journal of Linnean Society* 169 (3): 640–652. **ISI: 2.583**.
2013. Ibáñez C., Peña F., Pardo-Gandarillas M., **Méndez M. A.**, Hernández C. E. & Poulin E. Evolution of reproductive strategies in benthic octopuses: holobenthic or pelago-benthic ancestor? *Hydrobiology* (DOI: 10.1007/s10750-013-1518-5). **ISI: 1.784**.
2013. Velásquez N., J. Marambio, Brunetti E., **Méndez M. A.**, Vásquez R. & Penna M. Bioacoustic and genetic divergence in a frog of extensive geographical distribution. *Biological Journal of Linnean Society* 110(1): 142–155. **ISI: 2.413**.
2013. Vásquez D., Correa C., Pastenes L., Palma R. E. & **Méndez M. A.** Low phylogeographic structure in *Rhinella arunco* (Anura, Bufonidae), an endemic amphibian from the Chilean Mediterranean hotspot. *Zoological Studies* (aceptado). **ISI: 0.975**.
2013. I. Vila, P. Morales, S. Scott, E. Poulin, D. Véliz, C. Harrod & **M. A. Méndez**. Phylogenetic and phylogeographic analysis of the genus *Orestias* (Teleostei; Cyprinodontidae) in the Southern Chilean Altiplano: the relevance of ancient and recent divergence processes in speciation. *Journal of Fish Biology* 82: 927–943. **ISI: 1.685**.
2012. Riveros J, Vila I. & **M. A. Méndez**. Nicho trófico de *Orestias agassii* (Cuvier & Valenciennes, 1846) del sistema de arroyos del Salar de Huasco (20°05'S; 68°15'W). *Gayana* 76(2): 79-91.
2012. Collado G. & **Marco A. Méndez**. Los taxa nominales de moluscos descritos por Courty del Salar de Ascotán del Altiplano Chileno. *Revista Chilena de Historia Natural* 85: 233-235.

2012. Gallardo C.E., Correa C., Morales P., Sáez P.A., Pastenes L. & **Méndez M.A.** Validation of a cheap and simple non-destructive method for obtaining AFLPs and DNA sequences (mitochondrial and nuclear) in amphibians. *Molecular Ecology Resources* 12: 1090–1096. **ISI: 3.062.**
2012. Soto-Liebea K., **Marco A. Méndez**, Loreto Fuenzalida, Bernd Krock, Allan Cembella & Mónica Vásquez. PSP toxin release from the cyanobacterium *Raphidiopsis brookii* D9 (nostocales) can be induced by sodium and potassium ions. *Toxicon* 60: 1324-1334. **ISI: 2.508.**
2012. Correa Claudio L., **Marco A. Méndez**, Alberto Veloso & Michel Sallaberry. Genetic and reproductive evidence of natural hybridization between the sister species *Rhinella atacamensis* and *R. arunco* (Anura, Bufonidae). *Journal of Herpetology* 46: 568–577. **ISI: 1.077.**
2012. Collado G. A., **Méndez Marco A**, Brown D. I. & Pérez-Schultheiss. J. Phylogenetic analyses and redescription of *Tegula ignota* Ramírez, 1976 (Mollusca: Vetigastropoda). *Journal of the Marine Biological Association of the United Kingdom* 92: 1151–1159. **ISI: 0.933.**
2012. Araya M., Núñez H., Pavez L., **Méndez M.**, Cisternas F., Sierralta W, Uauy R & Gonzalez M. Administration of High Doses of Copper to Capuchin Monkeys Does Not Cause Liver Damage but Induces Transcriptional Activation of Hepatic Proliferative Responses. *Journal of Nutrition*. 142: 233-237. **ISI: 4.3.**
2012. Ramos R., Ravest G., **Méndez, M. A.** & Hinrichsen, P. Highly polymorphic microsatellite markers for *Ugni molinae* Turcz. *Molecular Ecology Resources*. 12 (1): 185-189. **ISI: 1.631.**
2012. Vera A., Pastenes L., Veloso C., & **Méndez Marco A.** Phylogenetic relationships in the genus *Agathemera* (Insecta: Phasmatodea) inferred from genes 16S, COI and H3. *Zoological Journal of Linnean Society* 165(1): 63-72. **ISI: 2.319**
2012. Collado G. & **Méndez M. A.** Phylogenetic relationships and taxonomy of Altiplano populations of *Biomphalaria* (Gastropoda: Planorbidae): inference from a multilocus approach. *Zoological Journal of Linnean Society* 165: 795–808. **ISI: 2.319**
2011. Vila I., Scott S., **Méndez Marco A.**, Valenzuela F., Iturra P. & Poulin E. A new species of *Orestias* (Teleostei: Cyprinodontidae) from southern high Andes salt pan springs. *Ichthyological Exploration of Freshwaters* 22 (4): 345-353. **ISI: 0.828.**
2011. Collado Gonzalo A., I. Vila & **Marco A. Méndez**. Monophyly, candidate species and vicariance in *Biomphalaria* snails (Mollusca: Planorbidae) from the Southern Andean Altiplano. *Zoologica Scripta* 40: 613–622. **ISI: 3.019**
2011. Collado Gonzalo A., Correa Claudio L, **Méndez Marco A.** & Brown Donald I. Spermatozoon ultrastructure of *Prisogaster niger* (Wood, 1828) (Mollusca: Vetigastropoda): supporting affinities between *Prisogasterinae* and *Turbininae*. *Zoological Studies* 50(6): 773-779. **ISI: 1.3.**
2011. Parada A., Araya M., Pérez-Bravo F., **Méndez M.**, Mimbacas A., Motta P., Martín G., Botero J., Espinosa N., Alarcon T. & Canales P. Amerindian mtDNA Haplogroups and Celiac Disease Risk HLA Haplotypes In Mixed Blood Latin American Patients. *J Pediatr Gastroenterol Nutr.* 53(4):429-434. **ISI: 2.18.**
2011. Botero-López, Jorge E., Araya, Magdalena, Parada, Alejandra, **Méndez, M. A.**, Pizarro, Fernando, Espinosa, Nelly, Canales, Paulina & Alarcón, Teresa. Micronutrient Deficiencies in Patients With Typical and Atypical Celiac Disease. *J Pediatr Gastroenterol Nutr.* 53(3): 265-270. **ISI: 2.18.**

2011. Gallardo Carolina E., Hernández Héctor J., Diniz-Filho José A. F., R. E. Palma & **M. A. Méndez**. Relationship between the genetic structure of the andean toad *Rhinella spinulosa* (Anura: Bufonidae) and the northern Chile landscape (21°- 24° S). *Revista Chilena de Historia Natural* 84: 391-406.
2011. Riveros José, Irma Vila & **Marco A. Méndez**. Nicho trófico de *Orestias agassii* (Cuvier & Valenciennes, 1846) del sistema de arroyos del Salar de Huasco (20°05'S; 68°15'W). *Gayana* (aceptado).
2010. Donoso, D. S., C. Correa, P. Henríquez, N. F. Lagos & **M. A. Méndez**. Amphibia, Anura, Calyptocephalellidae, *Telmatobufo bullocki* Schmidt, 1952: Distribution extension, habitat use and geographic distribution map. *Check List* 6(2): 298-300.
2010. M. Márquez-García, M. Correa-Solis & **M. A. Méndez**. Life history trait variation in tadpoles of the warty toad in response to pond drying. *Journal of Zoology* 281(2): 105-111. *ISI: 1.669*.
2010. Correa C., Pastenes L., Sallaberry M., Veloso A. & **Méndez M. A.** Phylogeography of *Rhinella spinulosa* (Anura: Bufonidae) in northern Chile. *Amphibia Reptilia* 96(3): 635-650. *ISI: 0.784*.
2010. Medel R., **Méndez M. A.**, Ossa C. G. & Botto-Mahan C. Arms race coevolution: the local and geographical structure of a host-parasite interaction. *Evolution, Education & Outreach* 3: 26-31.
2010. Díaz, I. A., C. Correa, M. E. Peña, **M. A. Méndez** & A. Charrier. First record on an amphibian in the canopy of temperate rainforests of southern South America: *Eupsophus calcaratus* (Cycloramphidae). *Bosque* 31(2): 165-168.
2009. **Méndez M. A.** & Correa-Solis, M. Divergence in morphometric and life history traits in two thermally contrasting andean populations of *Rhinella spinulosa* (Anura: Bufonidae). *Journal of Thermal Biology*. Volume 34 (7): 342-347. *ISI: 1.021*.
2009. M. Saldarriaga-Córdoba, M. Sasa, R. Pardo & **M. A. Méndez**. Phenotypic differences in a cryptic predator: factors influencing morphological variation in the terciopelo *Bothrops asper* (Garman, 1884; Serpentes: Viperidae). *Toxicon* 54 (7): 923-937. *ISI: 2.046*.
2009. P. Hinrichsen, M. Herminia Castro, G. Ravest, G. Rojas, **M. Méndez**, N.V. Bassil & C. Muñoz. Minimal microsatellite marker panel for fingerprinting Blueberry cultivars. SHS Acta Horticulturae 810: IX International Vaccinium Symposium.
2009. Marcela Márquez-García Irma Vila, Luis Felipe Hinojosa, **Marco A. Méndez**, José Luis Carvajal & María Catalina Sabando. Distribution and seasonal fluctuations in the aquatic biodiversity of the southern Altiplano. *Limnológica* 39 (4): 314-318. *ISI: 1.055*.
2009. M. Márquez-García, M. Correa-Solis, M. Sallaberry & **M. A. Méndez**. Effects of pond drying on morphological and life history traits in the anuran *Rhinella spinulosa* (Anura: Bufonidae). *Evolutionary Ecology Research* 11.1-13. *ISI: 1.170*.
2009. F. Torres-Pérez, **M. A. Méndez**, E. Benavides, R. Moreno, M. Lamborot, R. E. Palma & J. C. Ortiz. Systematics and evolutionary relationships of the mountain lizard *Liolaemus monticola* (Liolaemidae): how morphological and molecular evidence contribute to reveal hidden species diversity. *Biological Journal of the Linnean Society*. 96: 635–650. *ISI: 2.019*.
2009. K. Stucken, A. Murillo, K. Soto, J. J. Fuentes, **M. A. Méndez** & M. Vásquez. Phylogeny does not correlate with toxicity phenotype in *Cylindrospermopsis raciborskii* strains. *Systematic and Applied Microbiology*. 32: 37-49. *ISI: 2.582*.

2008. Gonzalo A. Collado, Carmen Espoz, **Marco A. Méndez** & Donald I. Brown. Spermatozoon ultrastructure in seven South American species of *Tegula* Lesson, 1835 (Mollusca: Vetigastropoda) and the phylogenetic implications for the subfamily Tegulinae. ***Invertebrates Reproduction and Development***. 52 (1-2): 13-21. **ISI: 0.673.**
2008. Correa Claudio L. Quezada, Michel Sallaberry Ayerza, Paola Jara-Arancio, Gabriel Lobos, Eduardo Soto & **Marco A. Méndez**. Amphibia, Anura, Bufonidae, *Rhinella atacamensis*: Altitudinal distribution extension, new records and geographic distribution map. ***Check List*** 4(4): 478–484.
2008. Claudio L. Correa Q., Michel Sallaberry A., Patricia Iturra C., Gonzalo Collado I. & **Marco A. Méndez**. Amphibia, Anura, Cycloramphidae, *Alsodes montanus*: New record and geographic distribution map". ***Check List*** 4(4): 467–471.
2008. Claudio Correa, Gabriel Lobos, Luis Pastenes & **Marco A. Méndez**. Invasive *Pleurodema thaul* (Anura, Leiuperidae) from Robinson Crusoe Island: Molecular identification of its geographic origin and comments on the phylogeographic structure of this species in mainland Chile. ***Herpetological Journal*** 18: 77-82. **ISI: 0.764.**
2008. M. Olivares, **M. A. Méndez**, F. Pizarro & P. Astudillo. Present situation of biomarkers for copper status. ***American Journal of Clinical Nutrition*** 88 (suppl):595– 625. **ISI: 6.740.**
2008. Núñez H., Araya M., Cisternas F., Arredondo M., Méndez M., Pizarro F., Ortiz A., Ortiz R. & Olivares M. Blood biochemical indicators in young and adult *Cebus apella* of both sexes. ***J Med Primatol*** 37(1):12-17. **ISI: 1.047.**
2008. Ayala M., Pizarro F., **Méndez M. A.**, Arredondo M. & Araya M. Copper and liver function indicators vary depending on the female hormonal cycle and serum hormone binding globulin (SHBG) concentration in healthy women. ***Biol Trace Elem Res*** 121(1): 9-15. **ISI: 1.013.**
2008. M. Suazo, F. Olivares, **M. A. Mendez**, R. Pulgar, J. R Prohaska, M. Arredondo, F. Pizarro, M. Olivares, M. Araya & M. Gonzalez. CCS and SOD1 mRNA are reduced after copper supplementation in peripheral mononuclear cells of individuals with high serum Ceruloplasmin concentration. ***Journal of Nutritional Biochemistry*** 19 (4) : 269-274. **ISI: 4.352.**
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Sociedad de Biología de Chile.

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European Society for Evolutionary Biology.

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Sociedad Chilena de Evolución (Secretario 2007-2010; Vicepresidente: 2011-2012; Presidente: 2012-2014).

Editorial Activities.-

Editor Asociado *Revista Chilena de Historia Natural*. 2010-2013.

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Revision of Manuscripts.-

a) National journals.-

2010-2012. *Revista Chilena de Historia Natural*.

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