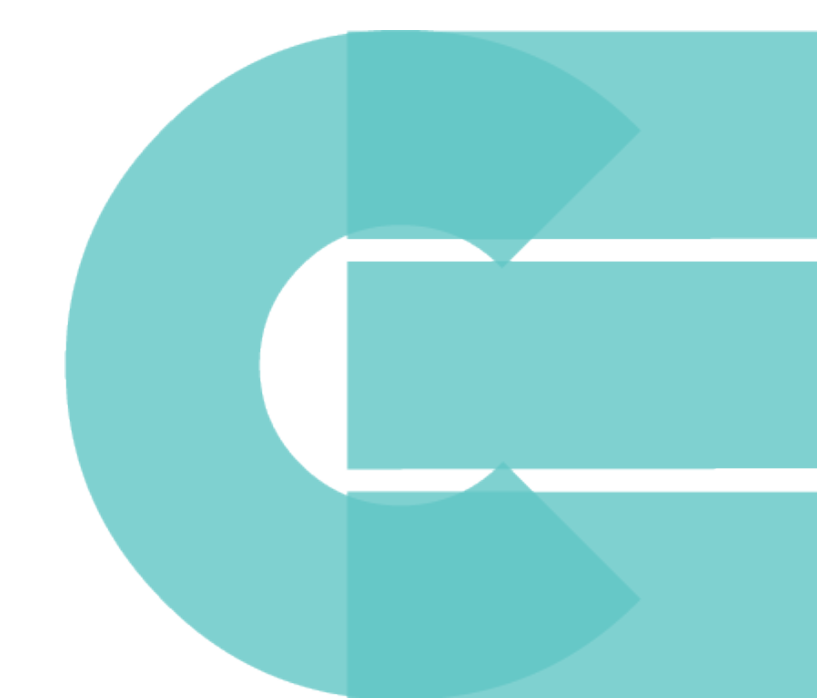


Ciro Rivera-Casas



Ph. D. Student - Department of Cellular and Molecular Biology,
University of A Coruña

EDUCATION

July 2010 M.S. in Molecular, Cellular Biology and Genetics - University of A Coruña, A Coruña, Spain.
July 2009 B.S. in Biology - University of A Coruña, A Coruña, Spain.

RESEARCH INTERESTS

Chromatin, Molecular Evolution, Genomics, Genotoxicology, Marine Biology,

PEER REVIEWED JOURNAL PUBLICATIONS

2013 Suarez-Ulloa, V., Fernandez-Tajes, J., Aguiar-Pulido, V., Rivera-Casas, C., Gonzalez-Romero, R., Ausio, J., Mendez, J., Dorado, J. and Eirin-Lopez, J.M. The CHROMEVALOA database: a resource for the evaluation of okadaic acid contamination in the marine environment based on the chromatin-associated transcriptome of the mussel *Mytilus galloprovincialis*. *Marine Drugs* 11, 830-841.

2012 Gonzalez-Romero R., Rivera-Casas C., Fernandez-Tajes J., Ausio J., Mendez J., Eirin-Lopez J.M. Chromatin specialization in bivalve molluscs: a leap forward for the evaluation of Okadaic Acid genotoxicity in the marine environment. *Comp Biochem Physiol C Toxicol Pharmacol* 155, 175-181.

2012 Gonzalez-Romero, R., Rivera-Casas, C., Frehlick, L.J., Mendez, J., Ausio, J., and Eirin-Lopez, J.M. Histone H2A (H2A.X and H2A.Z) variants in molluscs: molecular characterization and potential implications for chromatin dynamics. *PLoS ONE* 7, e30006.

2010 Gonzalez-Romero, R., Rivera-Casas, C., Ausio, J., Mendez, J., and Eirin-Lopez, J.M. Birth-and-death long-term evolution promotes histone H2B variant diversification in the male germinal cell line. *Molecular Biology and Evolution* 27, 1802-1812.

BOOK PUBLICATIONS

2012 Rivera-Casas, C.; Mendez J. and Eirin-Lopez, J.M. "Insights into the Study of Chromatin in Molluscs: Structure and Molecular Evolution of Histones in Pectinids." EAE press, Spain. ISBN:978-3-8484-5960-8, pp. 1-66.

GRANTS

Grants as a participant researcher

2011 MICINN, Spanish Research Program. Specialization imparted by histone variants H2A.X y H2A.Z to chromatin in bivalve molluscs: protostome evolution and genotoxicity tests. CGL201124812, 36 months, \$125,000.

2010 Regional Government of Galicia, Spain. Study of the specialization imparted by histone variants to chromatin in bivalves. 10PXIB103077PR, 36 months, \$50,000.

Student grants

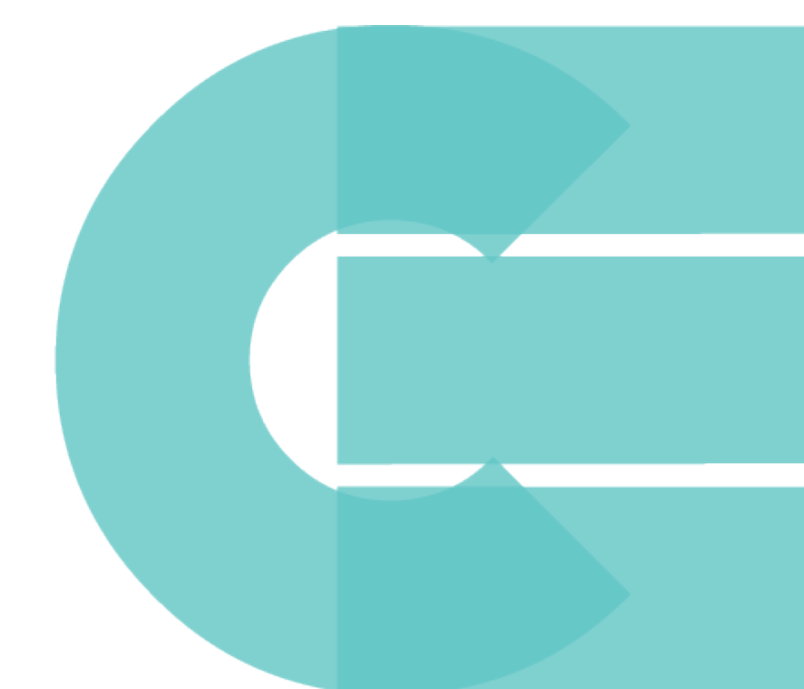
2013 UDC Visiting Fellowship, 3 months in the Department of Biochemistry and Microbiology, University of Victoria (Canada). Supervisor: Juan Ausio.

2013 FPU Visiting Fellowship, 3 months in the Department of Biochemistry and Microbiology, University of Victoria (Canada). Supervisor: Juan Ausio.

2011 FPU Ph. D. competitive Fellowship, Spanish Ministry of Education, Spanish Research Program.

2009 "Research collaboration in University Department" competitive Fellowship, Spanish Ministry of Education and Science.

2008 "Research collaboration in the University Hospital Complex of A Coruña" competitive Fellowship, University of A Coruña, A Coruña, Spain.



CONGRESS COMMUNICATIONS

- 2012 Suarez-Ulloa, V., Aguiar-Pulido, V., Gonzalez-Romero, R., Rivera-Casas, C., Fernandez-Tajes, J.; Mendez, J., Dorado, J. and Eirin-Lopez, J.M. CHROMEVALOA: A molecular database of chromatin-associated proteins useful for the evaluation okadaic acid genotoxicity in bivalve molluscs. Meeting of the Society for Molecular Biology and Evolution, Dublin (Ireland). Type of contribution: Poster.
- 2011 Gonzalez-Romero, R., Rivera-Casas, C., Frehlick, L.J., Mendez, J., Ausio, J., Eirin-Lopez, J.M. Evolutionary specialization of the nucleosome core particle in the mollusc *Mytilus galloprovincialis*. Meeting of the Society for Molecular Biology and Evolution, Kyoto (Japan). Type of contribution: Poster.
- 2010 Rivera-Casas, C.; Gonzalez-Romero, R.; Mendez J. and Eirin-Lopez, J.M. Characterization of histone genes in pectinids: Structure and Molecular Evolution. Meeting of the Spanish Society of Genetics, Murcia (Spain). Type of contribution: Poster.
- 2010 Gonzalez-Romero, R., Rivera-Casas, C., Mendez J. and Eirin-Lopez, J.M. Characterization of histone variants H2A.X and H2A.Z in the bivalve mollusc *Mytilus galloprovincialis*: Specialization of chromatin and implications for the development of tests for genotoxicity in the marine environment. XIX Meeting of the Spanish Society of Mutagenesis, A Coruña (Spain). Type of contribution: Oral communication.
- 2010 Eirin-Lopez, J.M. Rivera-Casas, C.; Gonzalez-Romero, R.; Mendez J. and Ausio, J. Histones in regalia: flourishing diversity on the verge of germ chromatin evolution. Meeting of the Society for the Study of Evolution, Portland (USA). Type of contribution: Oral communication.
- 2010 Gonzalez-Romero, R., Rivera-Casas, C., Mendez J. and Ausio, J. and Eirin-Lopez, J.M. Birth-and-death long-term evolution promotes histone H2B variant diversification in the male germinal cell line. Meeting of the Society for Molecular Biology and Evolution, Lyon (France). Type of contribution: Poster.

TEACHING EXPERIENCE

- 2011-2013 Cytogenetics in B. S. in Biology in the University of A Coruña, A Coruña, Spain.
- 2013-2014 Genetics in B. S. in Biology in the University of A Coruña, A Coruña, Spain.