CURRICULUM VITAE

Victoria Suarez-Ulloa

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Education

Present	Ph.D. in Biology	Florida International University, Miami, US
September 2010	M.S. in Bioinformatics	International University of Andalucia, Malaga and Sevilla, Spain
September 2007	M.S. in Environmental and Fundamental Chemistry	University of A Coruña, A Coruña, Spain
June 1999	B.S. in Chemistry	University of A Coruña, A Coruña, Spain

Research Interests

Omics, Data integration, Ecotoxicology, Chromatin, Epigenetics.

Position and Employment

2015 - present	Head Teaching Assistant (QBIC). Dept. Biological Sciences, Florida International University, Miami, US.
2013/14	Teaching Assistant (Genetics lab and QBIC). Dept. Biological Sciences, Florida International University, Miami, US.
2012/13	Research Assistant. Dept. Cellular and Molecular Biology, University of A Coruña, Spain.
2010/11	Instructor (Physics and Chemistry) at Guia XXI Academy, A Coruña, Spain.
2007/09	Research Assistant. Dept. Physical Chemistry and Chemical Engineering, University of A Coruña, Spain.
2004	Instructor (Physics, Chemistry and Mathematics) at El Temple Academy, A Coruña, Spain.

Peer Reviewed Publications

2015 Suarez-Ulloa, V., Fernandez-Tajes, J., Aguiar-Pulido, V., Prego-Faraldo, M.V., Florez-Barros, F., Sexto-Iglesias, A., Mendez, J., Eirin-Lopez, J.M., Unbiased high-throughput characterization of mussel transcriptomic responses to sublethal concentrations of the biotoxin okadaic acid. *PeerJ*.

2015 Suarez-Ulloa, V., Gonzalez-Romero, R., Eirin-Lopez, J.M. Environmental epigenetics: A promising venue for developing next-generation pollution biomonitoring tools in marine invertebrates. *Marine Pollution Bulletin*. 98(1-2):5-13.

2015 Suarez-Ulloa, V., Aguiar-Pulido, V., Eirin-Lopez, J.M., Pereira, J., Narasimhan, G. Computational methods in epigenetics. Personalized Epigenetics. Elsevier. ISBN: 9780124201354.

2013 Suarez-Ulloa, V., Fernandez-Tajes, J., Manfrin, C., Gerdol, M., Venier, P. and Eirin-Lopez, J.M. Bivalve omics: state of the art and potential applications for the biomonitoring of harmful marine compounds. *Marine Drugs*. 11(11):4370-89.

2013 Suarez-Ulloa, V., Aguiar-Pulido, V., Rivero, D., Eirin-Lopez, J.M., and Dorado, J. Clustering of gene expression profiles applied to marine research. *IWANN 2013, Part I, Lecture Notes on Computer Science (LNCS)* 7902: 453–462.

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.

Congress communications (most relevant)

2014 Victoria Suárez-Ulloa, José M. Eirín-López. Environmental epigenetics in bivalves: applications for oceans biomonitoring. Chromatin and Chromosomes Conference, Asilomar (US). Type of contribution: Oral communication.

2013 Victoria Suárez-Ulloa, Vanessa Aguiar-Pulido, Daniel Rivero, José M. Eirín-López and Julián Dorado. Clustering of gene expression profiles applied to marine research. International Work Conference in Artificial Neural Networks, Tenerife (Spain). Type of contribution: Oral communication.

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 Victoria Suárez Ulloa, Rodrigo González-Romero, Ciro Rivera-Casas, Juan Fernández-Tajes, Josefina Méndez y José M. Eirín-

López. Desarrollo de una base de datos y portal web especializados en biomarcadores de genotoxicidad asociados a la fibra de cromatina. Red Gallega de Bioinformática, Vigo (Spain). Type of contribution: Poster + Oral communication.

2008 Suárez, V., Blanco, M., Canle, M., Fernández A., Iglesias A., Santaballa J.A. Elimination of persistent organic pollutants in lipidic matrixes by advanced oxidation processes. 19Th IUPAC International Conference on Physical Organic Chemistry, Santiago de Compostela (Spain). Type of the contribution: Poster.

Grants and awards

2015 Science Case Network fellowship, Emory University, Atlanta, GA (US).
2014 FIU - Award 3rd best oral presentation at the Annual Biology Symposium, FIU, Miami (US).
2008 UDC - Banco Santander Visiting Fellowship.
2008 UDC scholarship, Winter School of Physical Organic Chemistry, Bressanone (Italy).
2005 Xunta de Galicia, Erasmus complementary Grant, 12 months in University of Goettingen (Germany).
2004 European Comission, Erasmus Mobility Grant, 12 months in University of Goettingen (Germany).
1999 and 2004 Spanish Ministry of Science and Education, Undergraduate Scholarship.

Journal Reviewer experience

2015 Elsevier (book publisher)
2015 BMC Genomics
2013 Annual Review and Reseach in Biology

Complementary education

2015 HHMI/QUBES workshop (Harvey Mudd, Claremont Colleges, CA, US)
2012 C Programming (University of A Coruña, Spain).
2010 Environmental and Quality control (University Les Heures, Barcelona, Spain).
2010 Advanced Technical Degree in Labor Risk Assessment (Xunta de Galicia, Spain).
2010 Course of Scientific Outreach in Society (University of A Coruña, Spain).
2007 Pedagogic Aptitude Course (University of A Coruña, Spain).
2007 Introduction to Linux System (University of A Coruña, Spain).

Leadership and outreach activities

2015 President and founding member of Computational and Molecular Biology Interest Organization (CaMBIO), FIU, Miami, US.
2014-15 Vice-president and founding member of Computational and Molecular Biology Interest Organization (CaMBIO), FIU, Miami, US.
2014-15 Secretary of the Biology Graduate Student Association (BGSA), FIU, Miami, US.
2013 Panelist for promotion of STEM. Latinos On Fast Track, Hispanic Heritage Foundation, Miami, US.
1998 and 2012 Science on the Street Day, Science Museums of A Coruña, A Coruña, Spain.
1998 Maths are fun! (radio program and magazine edition), David Buján High School, Cambre, A Coruña, Spain.
1997-2003 Tutoring chemistry, physics and maths, A Coruña, Spain.

Other interests

Meteorology and atmosphere physics, multimedia development, e-gaming and outdoors sports.