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Appointed on project: Biodiversità microalgale in ambienti polari e temperati.

Affiliation:

Section RIMAR, Stazione Zoologica Anton Dohrn, Naples (Italy).

EDUCATION/TRAINING/EXPERIENCE

Institute and Location	Degree/Function	Year	Field of study
University of Santiago de Compostela, Spain	Bachelor in Science	1997-2003	Marine Biology
Oceanographic Center of Vigo, Spain (IEO)	Training	2003	Toxic phytoplankton Ecology
Oceanographic Center of Vigo, Spain (IEO)	Ph D.	2005-2009	Marine Ecology
Oceanographic Center of Vigo, Spain (IEO)	Post-doc	2009-2011	Microarrays for detection of Toxic microalgae
Stazione Zoologica Anton Dohrn	Post-doc	2012-2014	<i>Ostreopsis</i> Physiology
Stazione Zoologica Anton Dohrn	Post-doc	2014-2015	Biotechnological Potential of Marine Microalgae
Stazione Zoologica Anton Dohrn	Post-doc	2015-2016	<i>Ostreopsis</i> Ecology
Stazione Zoologica Anton Dohrn	Post-doc	2016-2017	Biodiversità microalgale in ambienti polari e temperati

Journal papers:

Escalera L., Reguera B., Pazos Y., Morono A. & Cabanas J.M. (2006). Are different species of *Dinophysis* selected by climatological conditions? African Journal of Marine Science 28(2):283-88.

Culverhouse P.F., Williams R., Simpson B., Gallienne C., Reguera B., Cabrini M., Parisini

- T., Pazos Y., Wang H., **Escalera L.**, Morono A., Hensey M., Silke J., Pellegrino A., Thomas D., James D., Longa M.A., Kennedy S. & del Punta G. (2006). HAB-BUOY: A new instrument for *in situ* monitoring of early warning HAB events. *African Journal of Marine Science* 28(2): 245-50.
- Escalera L.**, Pazos Y., Morono A. & Reguera B. (2007). *Noctiluca scintillans* may act as a vector of toxigenic microalgae. *Harmful algae* 6:317-20.
- Raho N., Pizarro G., **Escalera L.**, Reguera B. & Marín I. (2008). Morphology, toxin composition and molecular analysis of *Dinophysis ovum* Schutt, a dinoflagellate of the "*Dinophysis acuminata* complex". *Harmful Algae* 7: 839-848.
- Pizarro G., **Escalera L.**, González-Gil S., Franco J.M. & Reguera B. (2008). Growth, behaviour and cell toxin quota of *Dinophysis acuta* Ehrenberg during a daily cycle. *Marine Ecology Progress Series* 353:89-105.
- Escalera L.** & Reguera B. (2008). Planozygote division in several species of *Dinophysis* (Dinophyceae, Dinophysiales). *Journal of Phycology* 44:1525-36.
- Escalera L.**, Reguera B., Moita T., Pazos Y., Cerejo M., Ruiz-Villarreal M. y Cabanas J.M. (2010). Bloom dynamics of *Dinophysis acuta* in an upwelling system: *in situ* growth versus transport. *Harmful Algae* 9:312-322.
- Escalera L.**, Reguera B., Takishita K., Yoshimatsu Y., Koike K. & Koike K. (2011). Cyanobacterial endosymbionts in the benthic dinoflagellate *Sinophysis canaliculata* (Dinophyceae, Dinophysiales). *Protist* 162(2): 304-314.
- Escalera, L.**, Pazos, Y., Doval, M.D. and Reguera, B. (2012). A comparison of integrated and discrete depth sampling for monitoring *Dinophysis*. *Marine Pollution Bulletin* 64:106-113.
- Rodríguez, F., **Escalera, L.**, Reguera, B., Rial, P., Riobó, P. and Silva, T. (2012). Morphological variability, toxinology and genetics of the dinoflagellate *Dinophysis tripos* (Dinophysiaceae, Dinophysiales). *Harmful Algae* 13:26-33.
- Edvardsen B., Dittami S.M., Groben R., Brubak S., **Escalera, L.**, Rodríguez, F., Reguera B., Chen J. & Medlin L.K. (2013). Molecular probes and microarrays for the detection of toxic algae in the genera *Dinophysis* and *Phalacroma* (Dinophyta). *Environmental Science Pollution Research* 20:6733–6750.
- Escalera L.**, Benvenuto G., Scalco E., Zingone A. & Montresor M. (2014). Ultrastructural features of the benthic dinoflagellate *Ostreopsis* cf. *ovata* (Dinophyceae). *Protist* 165(3):260-274.
- Lauritano C., Andersen J. H., Hansen E., Albrigtsen M., Escalera L., Esposito F., Helland K., Hanssen K. Ø., Romano G., Ianora A. (2016). Microalgae broad screening for bioactivities relevant for human health. *Frontiers in Marine Science* 3:1-12.
- Escalera L.**, Italiano A., Pistocchi R. & Zingone, A. (Accepted). *Gonyaulax hyalina* and *G. fragilis*, two names associated with 'mare sporco', indicate the same species. *Phycologia*.
- Escalera L.**, Pargana K., Nanjappa, D., Zingone A. & Montresor, M. (Submitted) Sex and spore production in the diatom *Leptocylindrus danicus* (Bacillariophyta).

Altre pubblicazioni scientifiche (non-SCI journals)

- Reguera B., **Escalera L.**, Pazos Y. & Morono A. (2009). Episodios de fitoplancton tóxico en la ría de Vigo. En: La Ría de Vigo. Una aproximación integral al ecosistema marino de la Ría de Vigo. González-Garcés A., Vilas F. y Álvarez S. (Eds). Instituto de estudios vigueses (Fundación Provingo e a súa Area) 153-199 pps.
- Pizarro G., Alarcón C., Franco J. M., Palma M., **Escalera L.**, Reguera B., Vidal G. and Guzmán L. (2011). Distribucion espacial de *Dinophysis* spp. y deteccion de toxinas

DSP en el agua mediante resinas Diaion (Verano 2006, Region de los Lagos, Chile).
Ciencia y Tecnologia Marina 34 (1-2):31-48.