

Galarza-Verkovitch Denisse



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Current Position: Ph.D. student.

Director of Studies: Dr. Raffaella Casotti
Internal Supervisor(s): Dr. Mauro Celussi
External Supervisor: Dr Josep M. Gasol
Program: Open University, XXIV cycle

Affiliation:

EMI- Department of Integrated Marine Ecology.
Stazione Zoologica Anton Dohrn, Napoli, Italy.

Education/Training/Experience

| Institute and Location | Degree / Function | Year | Field of Study |
|--|--------------------------|--------------------|---|
| Pontificia Universidad Católica del Ecuador, Quito, Ecuador | BSc. | 2011-2015 | Biological sciences |
| USP. Universidade de Sao Paulo, Brazil | Trainee internship | 2016-2017 | Invertebrate Zoology and Developmental Biology |
| GEOMAR Helmholtz Center for Ocean Research Kiel, Germany | MSc. | 2019-2022 | Biological Oceanography |
| Senckenberg Research Institute. Centre for Marine Biodiversity Research DZMB. Wilhelmshaven, Germany | Fellow Researcher | Oct 2022- Mar 2023 | Molecular Biology. Baltic sea Harpacticoid Barcoding library. |

Other matters relevant to scientific career

2022–January 2023: member of the PLASTISEA project “Harvesting the marine Plastisphere to develop novel cleaning concepts”, coordinated by Helmholtz-Zentrum für Ozeanforschung Kiel (GEOMAR), Germany.

Research Cruises

November-December 2021: IceDivA2 (Icelandic marine Animals meets Diversity along latitudinal gradients in the deep sea of the Atlantic Ocean 2) expedition on board of RV SONNE (SO286).

August-September 2021: participation on the Baltic Sea time series monitoring (Fish stock health in the Baltic Sea) expedition on board of RV ALKOR (AL563).

Publications

List of publications of the last 10 years

Journal Papers

Galarza-Verkovitch, D., Turak, O., Wiese, J., Rahn, T., Hentschel, U., & Borchert, E. (2023). Bioprospecting for polyesterase activity relevant for PET degradation in marine Enterobacterales isolates. *AIMS Microbiology*, 9(3), 518-539. DOI: <https://doi.org/10.3934/microbiol.2023027>

Baquero L., Jaramillo-Vivanco T., & Galarza-Verkovitch D. (2019). A new and showy species of *Lepanthes* (Orchidaceae: Pleurothallidinae) from North-Western Ecuador. *LANKESTERIANA* 19(2): 99-105. DOI: <http://dx.doi.org/10.15517/lank.v19i2.38773>

Baquero L., & Galarza-Verkovitch D. (2019). Two new species and new records of *Platystele* (Pleurothallidinae: Orchidaceae) from los Cedros Reserve in Ecuador. *LANKESTERIANA* 19(1): 5– 13. 2019. DOI: <https://doi.org/10.15517/lank.v19i1.36900>

Poster

Galarza-Verkovitch, D, Slaby, B, Hentschel, U, & Borchert, E. 11th International Sponge Symposium. Leiden, The Netherlands (2022) Poster presentation: “Assessing the potential of marine sponge microbiomes for microplastic degradation”. DOI: <https://doi.org/10.13140/RG.2.2.28864.81928>