

Emanuele Somma



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Current Position: Ph. D. student

Director of Studies: Antonio Terlizzi

Internal Supervisor(s): Valerio Zupo

External Supervisor: Maria Costantini

Program: XXXVI cycle Università degli Studi di Trieste

Affiliation:

Section BLUEBIO, Stazione Zoologica Anton Dohrn, Napoli (Italy)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
Department of Chemical Sciences, Università degli Studi di Padova, Padova, Italy	Bachelor's Degree	2012-2016	Environmental Sciences
Department of Life Sciences, Università degli Studi di Trieste, Trieste, Italy	Mater's Degree	2016-2019	Global Change Ecology
BlueBio Department, Stazione Zoologica Anton Dohrn, Napoli, Italy	Research Scholarship	2019-2020	Diatom phylogenetics

Publications

List of publications of the last 10 years

Journal Papers

- Gregorin, C.; Musco, L.; Somma, E.; Zupo, V. Behavioural Responses of the Colonial Sea Squirt *Botrylloides violaceus* Oka to Suspended Food Micro-Particles in Laboratory Cultures. *J. Mar. Sci. Eng.* 2020, 8, 1021. <https://doi.org/10.3390/jmse8121021>
- Mutalipassi, M.; Riccio, G.; Mazzella, V.; Galasso, C.; Somma, E.; Chiarore, A.; de Pascale, D.; Zupo, V. Symbioses of Cyanobacteria in Marine Environments: Ecological Insights and Biotechnological Perspectives. *Mar. Drugs* 2021, 19, 227. <https://doi.org/10.3390/md19040227>
- Gregorin, C.; Albarano, L.; Somma, E.; Costantini, M.; Zupo, V. Assessing the Ecotoxicity of Copper and Polycyclic Aromatic Hydrocarbons: Comparison of Effects on *Paracentrotus lividus* and *Botryllus schlosseri*, as Alternative Bioassay Methods. *Water* 2021, 13, 711. <https://doi.org/10.3390/w13050711>
- Glaviano, F.; Ruocco, N.; Somma, E.; De Rosa, G.; Campani, V.; Ametrano, P.; Caramiello, D.; Costantini, M.; Zupo, V. Two Benthic Diatoms, *Nanofrustulum shiloi* and *Striatella unipunctata*, Encapsulated in Alginate Beads, Influence the Reproductive Efficiency of *Paracentrotus lividus* by Modulating the Gene Expression. *Mar. Drugs* 2021, 19, 230. <https://doi.org/10.3390/md19040230>
- Levy T, Zupo V, Mutalipassi M, Somma E, Ruocco N, Costantini M, Abehsera S, Manor R, Chalifa-Caspi V, Sagi A and Aflalo ED (2021) Protandric Transcriptomes to Uncover Parts of the Crustacean Sex-Differentiation Puzzle. *Front. Mar. Sci.* 8:745540. doi: 10.3389/fmars.2021.745540