

## Roberta Esposito



Born in Italy on 03/09/1994

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**Current Position:** PhD student

### **Education/Training/Experience**

| <b>Institute and Location</b>  | <b>Degree / Function</b> | <b>Year</b> | <b>Field of Study</b>  |
|--|--------------------------|-------------|--|
| Department of Biological Sciences, Federico II University of Naples  | Bachelor's degree        | 2013-2017   | Ecology  |
| Department of Marine Biotechnology, Stazione zoologica Anton Dohrn and Department of Biology, Federico II University of Naples       | Master's degree          | 2017-2019   | Biosecurity  |
| Department of Marine Biotechnology, Stazione Zoologica Anton Dohrn, Napoli - Department of Biology, Federico II University of Naples | PhD                      | 2019-2022   | Ecological role and biotechnological applications of marine organisms and their natural products |

### **Publications:**

Esposito, R., Ruocco, N., Albarano, L., Ianora, A., Manfra, L., Libralato, G., Costantini, M. (2020). Combined effects of diatom-derived oxilipins on the sea urchin *Paracentrotus lividus*. *International Journal of Molecular Sciences* 21(3).

Albarano, L., Esposito, R., Ruocco, N., Costantini, M. Genome mining and synthetic biology: new challenge in natural products discovery. *Marine Drugs* (*in press*)

Di Meo, F., Arenga, M., Favale, G., Ruocco, N., Esposito, R., Filosa, S., Nuzzo, G., Fontana, A., Crispi, S., Costantini, M. Organic extracts of the sponge *Geodia cydonium* determine cell cycle arrest blocking proliferation in human mesothelioma cell lines. Scientific Reports (under revision)