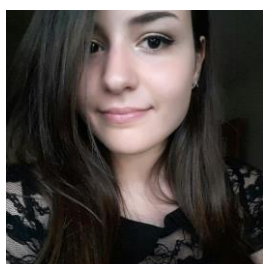


## Federica Di Costanzo



Born in Piedimonte Matese (Italy) on 09/10/1993

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**Current Position:** PhD student

Director of Studies: Giovanna Romano

Internal Supervisor: Valeria Di Dato

Program: PhD in Biology XXXIV cycle, Università degli studi di Napoli Federico II

### **Current Affiliation:**

Marine Biotechnology Department, Stazione Zoologica Anton Dohrn, Napoli (Italy)

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

<b>Institute and Location</b>	<b>Degree / Function</b>	<b>Year</b>	<b>Field of Study</b>
Higher Scientific School, Capua, Caserta, Italy	Scientific License	2007-2012	Scientific Studies
Università degli Studi della Campania "Luigi Vanvitelli"	Bachelor (Laurea)	2012-2015	Biological Sciences
Università degli Studi della Campania "Luigi Vanvitelli"	Master (Laurea)	2015-2017	Biology (Biomolecular curriculum)
University of the Western Cape, Cape Town, South Africa – IMBM (Institute of Microbial Biotechnology and Metagenomics)	Secondment	11/2018-12/2018	Italy-South Africa Cooperation project: "Genomic for a Blue Economy"
Università degli studi di Napoli Federico II - Stazione Zoologica Anton Dohrn Napoli	Ph.D	2018-present	Biology

### **Conferences, workshops and courses**

- Workshop "Genomics for a Blue Economy (GBE)", Naples, 12-2019 (*poster presenter*)
- Workshop "Introductory course on data management and visualization in R", Naples, 02-2019

- "International Summer School on Natural Products (ISSNP) 3<sup>rd</sup> edition", Naples-Maratea, 07-2019
- "Crash Course on Computational Network Analysis", Naples, 06-2019
- Advanced Course "Trends in Enzymology and Biocatalysis (TEB)", Rome, 05-2019 (*poster presenter*)
- 59<sup>th</sup> Congress of the Italian Society of Chemistry (SIB), Caserta, 09-2017 (*poster participant*)

### **International project**

- 2018-Present: Italy-South Africa Cooperation project: "Genomic for a Blue Economy"

### **Publications**

Author of 3 publications on ISI-journals (h index: 2)

Di Costanzo F., Di Dato V., Ianora A., Romano G. Prostaglandins in marine organisms: a review. *Mar. Drugs* 2019, 17, 428;

Di Dato V., Di Costanzo F., Barbarinaldi R., Perna A., Ianora A., Romano G. Unveiling the presence of biosynthetic pathways for bioactive compounds in the *Thalassiosira rotula* transcriptome. *Sci. Rep.* 2019, 9:9893;

Di Dato V., Barbarinaldi R., Amato A., Di Costanzo F., Fontanarosa C., Perna A., Amoresano A., Esposito F., Cutignano A., Ianora A., Romano G. Variation in prostaglandin metabolism during growth of the diatom *Thalassiosira rotula*. *Sci. Rep.* 2020, 10:5374;