

## Ida Orefice



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**Current Position:** PostDoc

Supervisor: Christophe Brunet

Appointed on project: Ritmare

**Affiliation:**

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

### Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
University of Naples “Federico II”, Italy	Bachelor degree	2007	Chemistry
University of Naples “Federico II”, Italy	Master degree	2010	Biochemistry and Biomolecular Chemistry
University of Naples “Federico II”, Italy	Training	2010 (4 months)	Proteomic and Mass Spectrometry
Open University – Stazione Zoologica “Anton Dohrn” Naples, Italy	Ph.D.	2014	Structural and Functional Analysis of Lipoxygenase Enzymes in Marine Diatoms
Stazione Zoologica “Anton Dohrn” Naples, Italy	PostDoc	2014-now	Molecular response of diatoms to physiological acclimation

## **Other matters relevant to scientific career**

Qualification to the profession of Chemist

## **Publications**

### ***List of publications of the last 10 years:***

#### ***Journal Papers***

Chandrasekaran R, Barra L, Carillo S, Caruso T, Corsaro MM, Dal Piaz F, Graziani G, Corato F, Pepe D, Manfredonia A, Orefice I, Ruban AV, Brunet C. (2014). Light modulation of biomass and macromolecular composition of the diatom *Skeletonema marinoi*. *J Biotechnol.*, 192:114-122

Lauritano C, Orefice I, Procaccini G, Romano G, Ianora A. (2015). Key genes as stress indicators in the ubiquitous diatom *Skeletonema marinoi*. *BMC Genomics*, doi: 10.1186/s12864-015-1574-5

Orefice I, Lauritano C, Procaccini G, Ianora A, Romano G. (2015). Insights into possible cell-death markers in the diatom *Skeletonema marinoi* in response to senescence and silica starvation. *Mar Genomics*, doi:10.1016/j.margen.2015.06.008

#### ***Abstracts in international congresses***

Orefice I, Tedesco P, De Santi C, de Pascale D, Ianora A, Romano G. Lipoxygenase enzymes and oxylipin production in marine diatoms. *Marine Microbiology & Biotechnology: Biodiscovery, Biodiversity and Bioremediation Conference*. November 14<sup>th</sup>-16<sup>th</sup> Novembre 2012 - Cork (Ireland)

Orefice I, Lauritano C, Procaccini G, d'Ippolito G, Ferrante M, Ianora A, Romano G. Lipoxygenase in marine diatoms: gene identification and functional studies. *EMBO Workshop The molecular life of diatoms*. June 25<sup>th</sup>- 28<sup>th</sup>, 2013 – Paris (France)

Lauritano C, Orefice I, Procaccini G, Romano G, Ianora A. Stress genes in the ubiquitous diatom *Skeletonema marinoi*. *EMBO Workshop The molecular life of diatoms*. June 25<sup>th</sup>- 28<sup>th</sup>, 2013 – Paris (France)