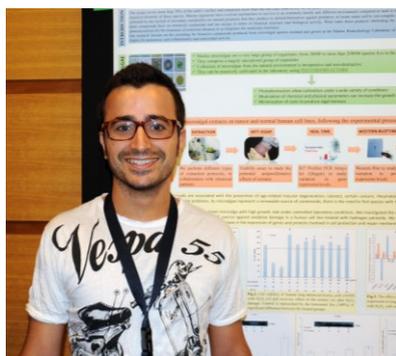


## CHRISTIAN GALASSO



Born in Francavilla Fontana, (Brindisi, Italy) on 15/11/1985

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**Current Position:** PostDoc position, Temporary staff

**Current Affiliation:**

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

### Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
University of Naples “Federico II”	Bachelor’s Degree	2009	Biotechnology
University of Naples “Federico II”	Master Degree	2011	Medical Biotechnology
University of Naples “Federico II”	PhD	2017	Marine Biotechnology
Stazione Zoologica Anton Dohrn-Villa Comunale, Naples, Italy	PostDoc	2017-2018	Marine Biotechnology

### **Publications**

*List of publications of the last 10 years:*

**Peer-reviewed**

- **Christian Galasso**, Ida Orefice, Alfonso Toscano, Tomás Vega Fernández, Luigi Musco, Christophe Brunet, Clementina Sansone, Paola Cirino. Food Modulation Controls Astaxanthin Accumulation in Eggs of the Sea Urchin *Arbacia lixula*. *Marine Drugs* 16 (186),2018

- Clementina Sansone, Genoveffa Nuzzo, **Christian Galasso**, Raffaella Casotti, Angelo Fontana, Giovanna Romano, Adrianna Ianora. The Marine Dinoflagellate *Alexandrium andersoni* Induces Cell Death in Lung and Colorectal Tumor Cell Lines. *Marine Biotechnology*, 2018
- Filomena Sannino, Clementina Sansone, **Christian Galasso**, Sara Kildgaard, Pietro Tedesco, Renato Fani, Gennaro Marino, Donatella Pascale, Adrianna Ianora, Ermenegilda Parrilli, Thomas Ostefeld Larsen, Giovanna Romano, Maria Luisa Tutino. *Pseudoalteromonas haloplanktis* TAC125 produces 4-hydroxybenzoic acid that induces pyroptosis in human A459 lung adenocarcinoma cells. *Scientific reports* 8 (1), 1190, 2018
- **C Galasso**, C Corinaldesi, C Sansone. Carotenoids from Marine Organisms: Biological Functions and Industrial Applications. *Antioxidants* 96 (6(4)), 4, 2017.
- Paola Cirino, Christophe Brunet, Martina Ciaravolo, **Christian Galasso**, Luigi Musco, Tomás Vega Fernández, Clementina Sansone, Alfonso Toscano. The Sea Urchin *Arbacia lixula*: A Novel Natural Source of Astaxanthin. *Marine Drugs* 187, 2017.
- Clementina Sansone, **Christian Galasso**, Ida Orefice, Genoveffa Nuzzo, Elvira Luongo, Adele Cutignano, Giovanna Romano, Christophe Brunet, Angelo Fontana, Francesco Esposito, Adrianna Ianora: The green microalga *Tetraselmis suecica* reduces oxidative stress and induces repairing mechanisms in human cells. *Scientific Reports* 01/2017; 7., DOI:10.1038/srep41215

## Patents

Clementina Sansone, Adrianna Ianora, **Christian Galasso**, Giovanna Romano. N. SIB BI5072R, “*Tetraselmis suecica* green microalga crude extract and its uses”, 07/12/2017

## Other

### Start-up training and competition:

June – September: ‘Start Cup Campania’ team leader to improve business skills applied to innovative ideas, with final competition that involved several work team;

### International competition for talents:

7 September, 2016: ‘Falling Walls Lab 2016’, to present in three minutes an ideas of innovative research to a multidisciplinary committee

### European Grant:

1<sup>st</sup> call, Transnational Access, EMBRIC (2017)

## Job Related skills

- Cell culture techniques: *in vivo* and *in vitro* to test crude extracts and fractions from marine organisms for antiproliferative, antioxidant, anti-inflammatory, antiaging activity.
- Mutagenicity and genotoxicity assays on cells, such as Comet Assay, Tunel Assay and Vicia faba test.

- Technical capabilities in the field of applied molecular biology: Western blot, Southern blot, Northern blot. Techniques for the isolation of nucleic acids, PCR, cloning of bacterial cells, design and cloning of siRNA. Molecular biology techniques such as PCR, isolation of nucleic acids, RAPD, PCR array.
- Identification and design of signalling pathways involved in cell responses to stress induced by chemicals and / or pharmacological and environmental factors using molecular approaches.
- Knowledge in the use of diagnostic kits in immunoassay. Elisa test.
- Organisational / managerial skills Good organisational and managerial skills.
- Ability to organise my work to follow my own plans;
- PhD Student Representative at Stazione Zoologica “Anton Dohrn” and Faculty of Veterinary Medicine (Università degli Studi di Napoli “Federico II”) for 2 years (2014 and 2015), with ability to coordinate and manage several aspect related to this charge.
- Excellent computer skills, acquired in high school, University, internship and PhD training: excellent knowledge of Microsoft Office™ tools; good knowledge of Mac OS X operating system; good knowledge of scientific programmes as GraphPad Prism, Ocean Data View, WinMDI, CellQuest, FCS Express and End Note