

Valeria Sabatino



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Current Position: Ph. D. Student

Director of Studies: Angelo Fontana

Co-supervisor: Mariella Ferrante

Program: Università degli Studi di Napoli “Federico II”, XXIX cycle

Affiliation:

Integrative Marine Ecology Department, Stazione Zoologica Anton Dohrn, Napoli (Italy)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
TIGEM, Telethon Institute of Genetics and Medicine, Naples, Italy	Master Degree	2008-2011	Medical Biotechnology
Laboratory of Ecology and Evolution of Plankton, Stazione Zoologica Anton Dohrn, Naples, Italy/ Institute of Biomolecular Chemistry, Italian National Research Council, Pozzuoli, Italy	Fellowship	2012-2014	Molecular Biology of Diatoms
Department of Integrative Marine Ecology, Stazione Zoologica Anton Dohrn, Naples, Italy/ Institute of Biomolecular Chemistry, Italian National Research Council, Pozzuoli, Italy	Ph.D.	2014 - to date	Lipid metabolism in Diatoms

Abstracts

1. P. Piccolo, J. Hicks, V. Fano, S. A. Caino, M. G. Obregon, R. Sutton, M. García-Barcina, J. Tolmie, G. Andria, G. Parenti, L. Titomanlio, S. K. Law, V. Sabatino, R. Polishchuk, B. Lee, N. Brunetti- Pierri: “Geleophysic dysplasia is a clinically and genetically heterogenous disease”. [European Human Genetics Conference – Gothenburg, Svezia 12-15 giugno 2010]
2. P. Piccolo, P. Campeau, R. Polishchuk, J. Hicks, J. Tolmie, G. Andria, G. Parenti, V. Sabatino, B. Lee, C. Bacino, N. Brunetti-Pierri: “Geleophysic dysplasia is a clinically and genetically heterogeneous disease with aberrant autophagic function”. [American Society of Human Genetics 60th annual meeting – Washington DC 2-6 novembre 2010]
3. Shrikant Patil, Valeria Sabatino, Marina Montresor, Mariella Ferrante: “A forward genetic screen in the marine planktonic diatom *Pseudo-nitzschia multistriata*”. [EMBO workshop The Molecular Life of Diatoms- Paris, France 25-28 giugno]

Publications

Journal Papers

- Sabatino, V., Russo, M.T., Patil, S., d’Ippolito, G., Fontana, A., Ferrante, M.I. (2015) “Establishment of genetic transformation in the sexually reproducing diatoms *Pseudo-nitzschia multistriata* and *Pseudo-nitzschia arenysensis* and inheritance of the transgene.” *Mar Biotechnol* (NY). Aug;17(4):452-62. doi: 10.1007/s10126-015-9633-0.
- Piccolo, P., Mithbaokar, P., Sabatino, V., Tolmie, J., Melis, D., Schiaffino, M.C., Filocamo, M., Andria, G., Brunetti-Pierri, N. (2014) "SMAD4 mutations causing Myhre syndrome result in disorganization of extracellular matrix improved by losartan." *Eur J Hum Genet*. doi:10.1038/ejhg.2013.283