

Eleonora Scalco



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Current Position: Post Doc

Supervisor: Adriana Zingone

Appointed on project: MicroB3

Affiliation:

Section Integrative Marine Ecology, Stazione Zoologica Anton Dohrn, Naples (Italy)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
Department of Biology, Padova University, Italy	Master (Laurea)	2001-2007	Marine Biology
Stazione Zoologica Anton Dohrn, Napoli, Italy	Fellowship	2009	Dinoflagellates ecology and physiology
Stazione Zoologica Anton Dohrn, Napoli, Italy and Open University of London, UK	Ph.D.	2010-2012	Biological Science
Stazione Zoologica Anton Dohrn, Napoli, Italy	Postdoc	2013-2014	Microalgae diversity and ecology
Stazione Zoologica Anton Dohrn, Napoli, Italy	Postdoc	2014-2015	Phytoplankton diversity
Stazione Zoologica Anton Dohrn, Napoli, Italy	Postdoc	2015- on-going	Marine diatoms diversity

Publications

Author of 7 publications on ISI-journals

List of publications of the last 10 years:

Journal Papers

- Rossi R, Scalco E, Zingone A, Soprano V. (2010). New palytoxin-like molecules in Mediterranean *Ostreopsis cf. ovata* (Dinoflagellates) and in *Palythoa tuberculosa* detected by liquid chromatography-electrospray ionization time-of-flight mass spectrometry. *Toxicon*, 56: 1381 - 1387.
- Scalco E, Brunet C, Marino F, Rossi R, Soprano V, Zingone A, Montresor M. (2012). Growth and toxicity responses of *Ostreopsis cf. ovata* to seasonal irradiance and temperature conditions. *Harmful Algae* 17: 25-34.
- Fuchs N, Scalco E, Kooistra WHCF, Assmy P, Montresor M. (2013). Genetic characterization and life cycle of the diatom *Fragilariopsis kerguelensis*. *Eur. J Phycol.*, 48: 411–426.
- Escalera L, Benvenuto G, Scalco E, Zingone A, Montresor M. (2014). Ultrastructural Features of the Benthic Dinoflagellate *Ostreopsis cf. ovata* (Dinophyceae). *Protist*, 165: 260-274.
- Scalco E, Stec KF, Iudicone D, Ferrante MI, Montresor M. (2014). The dynamics of sexual phase in the marine diatom *Pseudo-nitzschia multistriata* (Bacillariophyceae). *J Phycol.*, 50: 817–828.
- Villar E, Farrant GK, Follows M, Garczarek L, Speich S, Audic S, Bittner L, Blanke B, Brum JR, Brunet C, Casotti R, Chase A, Dolan JR, d'Ortenzio F, Gattuso J-P, Grima N, Guidi L, Hill CN, Jahn O, Jamet J-L, Le Goff H, Lepoivre C, Malviya S, Pelletier E, Romagnan, Roux J-BS, Santin S, Scalco E, Schwenck SM, Tanaka A, Testor P, Vannier T, Vincent F, Zingone A, Dimier C, Pichera M, Searson S, Kandels-Lewis S, Tara Oceans coordinators, Acinas SG, Bork P, Boss E, de Vargas C, Gorsky G, Ogata H, Pesant S, Sullivan MB, Sunagawa S, Wincker P, Karsenti E, Bowler C, Not F, Hingamp P, Iudicone D. (2015). Environmental characteristics of Agulhas rings affect inter-ocean plankton transport. *Science*, 348(6237): 1–11.
- de Vargas C, Audic S, Henry N, Decelle J, Mahé F, Logares R, Lara E, Berney C, Le Bescot N, Probert I, Carmichael M, Poulain J, Romac S, Colin S, Aury J-M, Bittner L, Chaffron S, Dunthorn M, Engelen S, Flegontova O, Guidi L, Horák A, Jaillon O, Mendez GL, Lukes J, Malviya S, Morard R, Mulot M, Scalco E, Siano R, Vincent F, Zingone A, Dimier C, Picheral M, Searson S, Kandels-Lewis S, Tara Oceans Coordinators, Acinas SG, Bork P, Bowler C, Gorsky G, Grimsley N, Hingamp P, Iudicone D, Not F, Ogata H, Pesant S, Raes J, Sieracki M, Speich S, Stemmann L, Sunagawa S, Weissenbach J, Wincker P, Karsenti E. (2015). Eukaryotic plankton diversity in the sunlit ocean. *Science*, 348(6237): 1–11.