

Oriana Migliaccio



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Current Position: Post Doc.

Supervisor: Anna Palumbo

Appointed on project: RITMARE

Affiliation:

Section BEOM, 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's degree in Science	2005-2008	Marine Biology
University of Naples Federico II, Italy	Master Degree in Science	2008-2010	Marine Biology
University of study Milano-Bicocca, Centre for Higher Education and Research on the island of Magoodhoo in Faafu Atoll, Maldives	International Master	2011-2012	Marine Sciences
Open University, UK	PhD	2012-2015	Life and Biomolecular Sciences
Department of Life Science, National Taiwan Normal University, Taipei, Taiwan	Fellowship	06/08-2015	Marine Ecophysiology
Section BEOM, Stazione Zoologica Anton Dohrn, Napoli, Italy	Fellowship	09/2015-2016	Marine Biology

Appointments and awards

2011: Winner of the AISAL grant for the project "Maintenance and Captive Breeding of *Ciona intestinalis*: Development of a Closed Loop System"

2015: Winner of ABCD Mobility fellow to learn the procedure for dissociation of sea urchin embryos into single cells and morphogenetic cell aggregation assay

2015: Winner of MOST grant for the project "Effect of near-future ocean acidification on the sea urchins *Tripneustes gratilla*, *Anthocidaris crassispina* and *Paracentrotus lividus*"

Other matters relevant to scientific career

PADI DiveMaster

Publications

Author of 3 publications on ISI-journals and 1 book chapter

List of publications of the last 10 years:

Journal Papers

Uliano E, Cataldi M, Carella F, Migliaccio O, Iaccarino D, Agnisola C. (2010). Effects of acute changes in salinity and temperature on routine metabolism and nitrogen excretion in gambusia (*Gambusia affinis*) and zebrafish (*Danio rerio*). *Comparative Biochemistry and Physiology, Part A* 157:283–290

Migliaccio O, Castellano I, Romano G, Palumbo A. (2014). Stress response to cadmium and manganese in *Paracentrotus lividus* developing embryos is mediated by nitric oxide. *Aquat. Toxicol.* 156: 125–134

Migliaccio O, Castellano I, Cirino P, Romano G, Palumbo A. (2015). Maternal exposure to cadmium and manganese impairs reproduction and progeny fitness in the sea urchin *Paracentrotus lividus* PLoS ONE. 10(6): e0131815

Book chapters

Migliaccio O, Castellano I, Romano G, Palumbo A. (2014). Response of Sea Urchin to Environmental Stress, 29-51 in: *Sea urchins: habitat, embryonic development and importance in the environment*. Nova Publisher, ISBN: 978-1-63321-517-7