

Emanuela Dattolo

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Current Position: Post-doc, temporary researcher

Current Affiliation:

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

Education/Training/Experience

Institute and Location	Degree (if applicable)	Year	Field of Study
University Federico II of Napoli, Italy	Master (Laurea)	2006	Biological Sciences
EMBL Heidelberg, (Germany)	Marine Genomics Europe Training Course	2007	Quantification of gene expression by qPCR
University of Calabria, Italy	PhD	2009	Biology of plant: Molecular ecology
IAMC CNR (Italy)/ Stazione Zoologica A. Dohrn Napoli (Italy).	CNR fellowships	2011-2012	Population Genetic of <i>Posidonia oceanica</i>
Stazione Zoologica Anton Dohrn, Italy	Post-doc (temporary researcher)	2013-2015	Gene expression and adaptive response of <i>Posidonia oceanica</i>

Appointments and awards

Member of the European Society for Evolutionary Biology (ESEB)

Publications

List of publications:

Peer-reviewed publications:

- Lauritano C., Ruocco M., Dattolo E., Buia M., Silva J., Santos R., Olivé I., Costa M., Procaccini G. 2015 Response of key stress-related genes of the seagrass *Posidonia oceanica* in the vicinity of submarine volcanic vents, *Biogeosciences*, 12, 4185–4194; doi:10.5194/bg-12-4185-2015.
- Dattolo E., Ruocco M., Brunet C., Lorenti M., Lauritano C., D'Esposito D., Procaccini G. 2014 Response of the seagrass *Posidonia oceanica* to different light environments: Insights from a combined molecular and photo-physiological study. *Mar. Environ. Res.* 101, 225–236; doi:10.1016/j.marenvres.2014.07.010.
- Carotenuto Y., Dattolo E., Lauritano C., Pisano F., Sanges R., Miralto A., Procaccini G., Ianora A. 2014 Insights into the transcriptome of the marine copepod *Calanus helgolandicus* feeding on the oxylipin-producing diatom *Skeletonema marinoi*. *Harmful Algae*, 31, 153–162; doi:10.1016/j.hal.2013.11.002
- Dattolo E., Gu J., Bayer P.E., Mazzuca S., Serra I.A., Spadafora A., Procaccini G. 2013 Acclimation to different depths by the marine angiosperm *Posidonia oceanica*: transcriptomic and proteomic profiles. *Front. Plant Sci.* 4:195; doi:10.3389/fpls.2013.00195.
- D'Esposito D., Dattolo E., Badalamenti F., Orsini L., Procaccini G. 2012 Comparative analysis of genetic diversity of *Posidonia oceanica* along a depth gradient using neutral and selective/non neutral microsatellites markers *Biol. Mar. Mediterr.*, 19 (1): 45-48.
- Jongma D.N., Campo D., Dattolo E., D'Esposito D., Duchi A., Grewe P., Huisman J., Verlaque M., Yokes M.B., Procaccini G. 2012 Identity and origin of the slender *Caulerpa taxifolia* strain introduced into the Mediterranean sea *Botanica Marina*; 56 (1) 27-39; doi:10.1515/bot-2012-0175.
- Serra I.A., Lauritano C., Dattolo E., Puoti A., Nicasastro S., Innocenti A.M., Procaccini G. 2012 Reference genes assessment for the seagrass *Posidonia oceanica* in different salinity, pH and light conditions *Marine biology*, 159 (6):1269-1282; doi:10.1007/s00227-012-1907-8.
- Wissler L., Dattolo E., Moore A. D., Reusch T.B.H.; Olsen J.L., Migliaccio M., Bornberg-Bauer E., Procaccini G. 2009 Dr. Zompo: an online data repository for *Zostera marina* and *Posidonia oceanica* ESTs Database; doi:10.1093/database/bap009.
- Blanch I., Dattolo E., Procaccini G., Haroun R. 2006 Preliminary analysis of the influence of geographic distribution and depth on the genetic structure of *Cymodocea nodosa* meadows in the Canary Islands *Biol. Mar. Medit.* 13 (4):19-23.