Mirko Mutalipassi

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Current Position: Post-doc Fellow

Current Affiliation:
Section Marine Biotechnology, Stazione Zoologica Anton Dohrn, Napoli (Italy)

Education/Training/Experience

Institute and Location	Degree / Function	Year	Field of Study
University of Naples Federico II, Naples, Italy	Bachelor degree in Biology of the Marine Production	2006/2010	Marine biology, aquaculture and ecology
University of Naples Federico II, Naples, Italy	Master in Biology of the Marine Production	2010/2013	Marine biology, aquaculture and ecology
University of Naples Federico II, Naples, Italy	Fellowship	2013/2014	FEP: improve and defend fauna and flora biodiversity
Scuola Normale Superiore di Pisa, Pisa, Italy	Fellowship	2014/2015	Model organisms and Neuroscience
Stazione Zoologica Anton Dohrn, Naples, Italy	Ph.D.	2015/2019	The concept of Model Organisms
Stazione Zoologica Anton Dohrn, Naples, Italy	Fellowship	2018/2019	Drug mining and apoptosis processes
Stazione Zoologica Anton Dohrn, Napoli, Italy	Post-doc	2019/ present	Biotechnology and Cyanobacteria

Other

Member of the International Society of Invertebrate Reproduction and Development

Member of the Organizing Committee of the Fourteenth International Congress on Invertebrate Reproduction and Development (ICIRD-2017), Napoli-Firenze

Publications

Author of 13 publications on ISI-journals

List of publications:

Peer-reviewed publications and patents:

1. Chiarore A, Musco L, Bertocci I, Gallo A, Cannavacciuolo A, Mutalipassi M, et al. Sea urchin chronicles. The effect of oxygen super-saturation and marine polluted sediments from Bagnoli-Coroglio Bay on different life stages of the sea urchin *Paracentrotus lividus*. Mar Environ Res. 2020;
2. Sahm A, Almaida-Pagán P, Bens M, Mutalipassi M, Lucas-Sánchez A, De Costa Ruiz J, et al. Analysis of the coding sequences of clownfish reveals molecular convergence in the evolution of lifespan. BMC Evol Biol. BioMed Central; 2019;19: 89. doi:10.1186/s12862-019-1409-0
3. Mutalipassi M, Mazzella V, Romano G, Ruocco N, Costantini M, Glaviano F, et al. Growth and toxicity of *Halomicronema metazoicum* (Cyanoprokaryota , Cyanophyta) at different conditions of light , salinity and temperature. 2019; doi:10.1242/bio.043604
4. Zupo V, Mutalipassi M, Glaviano F, Buono AC, Cannavacciuolo A, Fink P. Inducers of settlement and metamorphosis of the shrimp *Hippolyte inermis* Leach in *Posidonia oceanica*. Sci Rep. Nature Publishing Group; 2019;9: 1–11. doi:10.1038/s41598-019-48110-7
5. Mutalipassi M, Mazzella V, Zupo V. Ocean acidification influences plant-animal interactions: The effect of *Cocconeis scutellum parva* on the sex reversal of *Hippolyte inermis*. Martins GM, editor. PLoS One. Public Library of Science; 2019;14: e0218238. doi:10.1371/journal.pone.0218238
6. Zupo V, Mutalipassi M, Ruocco N, Glaviano F, Pollio A, Langellotti AL, et al. Distribution of toxigenic *Halomicronema* spp. In adjacent environments on the island of ischia: Comparison of strains from thermal waters and free living in posidonia oceanica meadows. Toxins (Basel). Multidisciplinary Digital Publishing Institute; 2019;11: 99. doi:10.3390/toxins11020099
7. Zupo V, Glaviano F, Paolucci M, Ruocco N, Polese G, Di Cosmo A, et al. Roe enhancement of *Paracentrotus lividus*: Nutritional effects of fresh and formulated diets. Aquac Nutr. 2019;25: 26–38. doi:10.1111/anu.12826
8. Ruocco N, Mutalipassi M, Pollio A, Costantini S, Costantini M, Zupo V. First evidence of *Halomicronema metazoicum* (Cyanobacteria) free-living on *Posidonia oceanica* leaves. PLoS One. Public Library of Science; 2018;13: e0204954. doi:10.1371/journal.pone.0204954
9. Zupo V, Glaviano F, Caramiello D, Mutalipassi M. Effect of five benthic diatoms on the survival and development of *Paracentrotus lividus* post-larvae in the laboratory. Aquaculture. Elsevier; 2018;495: 13–20. doi:10.1016/j.aquaculture.2018.05.028

10. Mutalipassi M, Maibam C, Zupo V. The sex change of the caridean shrimp *Hippolyte inermis* Leach: temporal development of the gonopore morphology. Zoomorphology. Springer Berlin Heidelberg; 2018;137: 377–388. doi:10.1007/s00435-018-0405-z

11. Mutalipassi M, Di Natale M, Mazzella V, Zupo V. Automated culture of aquatic model organisms: Shrimp larvae husbandry for the needs of research and aquaculture. Animal. Cambridge University Press; 2018;12: 155–163. doi:10.1017/S1751731117000908

12. Zupo V, Mutalipassi M, Fink P, di Natale M. Effect of Ocean Acidification on the Communications among Invertebrates Mediated by Plant-Produced Volatile Organic Compounds. Glob J Ecol. 2016;1: 012–018. doi:10.17352/gje.000002

13. Mutalipassi M, Natale M Di, Auletta L, Agnisola C, Pititto FM, Esposito L. Food Web in an Artificial Basin of Southern Italy: Lake Angitola of Calabria. J Nutr Ecol Food Res. American Scientific Publishers; 2014;1: 270–276. doi:10.1166/jnef.2013.1044

14. Zupo V, Mutalipassi M. A small automatic culture plant for laboratory model organism. Patent n°102015000012043. Ufficio Italiano Brevetti e Marchi (Italian Patents office). Italy: Ufficio Italiano Brevetti e Marchi (Italian Patents office); 102015000012043, 2015.