

Martina Genovese



Born in Naples on 28/01/1987

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Current Position:

- Technologist III level, Research Manager EMBRC-UP
- JRU Manager EMBRC-IT

Current Affiliation:

Third Mission - Grant & Innovation Office (GIO)

Education/Training/Experience

Institute and Location	Degree	Academic Year	Field of Study
Department of Earth and Sea Science, University of Palermo, Italy	B.Sc.	2011-2012	Marine Biology - marine stock assessment
Department of Earth and Sea Science, University of Palermo, Italy	M.Sc.	2013-2014	Marine Ecology - marine coral reef ecotoxicology

Department of Biology, University of Portsmouth, UK	Research and Study Scholarship	2013-2014	Marine Ecotoxicology - coral bleaching and zooxanthellae impacts
Department of Sustainable Aquaculture and marine ecosystems, University of Las Palmas de Gran Canaria (ULPGC), Spain	Research Fellowship	2015	Marine Aquaculture - broodstock, hatching rates and larval growth
Protected Areas & Natural Capital, University of la Sapienza, Rome, Italy	Master II level	2020-2021	Marine Conservation – planning, organization and management of marine protected areas
Department of Veterinary Sciences – University of Messina, Italy	Ph.D.	2021-2022	Marine food web ecotoxicological impacts and human health risk
Institute and Location	Function	Year	Field of Study
Sea Turtles Center of the Marine Protected Area of Egadi Islands, Italy	Marine Wildlife Conservation Expert	2016-2018	Marine Conservation
ENEA–MAECI-DGAP, Italy	Scientific Expert at Initiatives of Summit of the Two Shores	2019-2020	Research design, planning & management at international cooperation level
Regional Center of Marine Strategy – ARPACAL, Italy	Marine Biologist, Cat. D	2020	Marine Biology, Ecology and Monitoring
Stazione Zoologica Anton Dohrn, Calabria Marine Centre, Italy - EMI Department	Marine Biologist, CTER VI level	2021-June 2023	Marine Biology, Ecology and Monitoring
Stazione Zoologica Anton Dohrn, Napoli, Italy	Technologist, III level	June 2023 - Present	Research Management

Grant, appointments and awards

2024: Research Infrastructures Manager professional training, University of Milano Bicocca, Italy;
2023-2025: National Geographic Meridian Grant (NGS-102425E-23), Project “Respire” (*Co-Author*), marine biology and ecology research approaches citizen science with young generation;
2019: National Geographic IF/THEN Initiative Grant (*Principal Investigator*), about micro-plastic

impacts on marine biota;

2018-2019: National Geographic Early Career Grant (EC-175R-18), Project “Mediterranean Plastic Free” (*Principal Investigator*), about macro- and micro-plastic impacts in the MPA of Egadi Islands.

Boardings - Field work

2023-2025: Head and Co-head of surveys on fish alien species, macro and micro marine litter, new emerging contaminants at the Pelagie and Pantelleria islands, Project “Respire”, University of Camerino and NGS;

2022: OffShore Oceanographic campaign, ROV Imaging Operator, NGworker vessel, SZN;

2021: OffShore Oceanographic campaign, Marine Mammals Observer and Seabirds Observer, MainportGeoper ship (Co-head of the oceanographic mission) - SZN;

2021: Head of oceanographic campaign mission for MSFD – ISPRA Astrea research vessel – SZN;

2020: Head and Co-Head of boarding missions for MSFD - ARPACAL;

2019: Oceanographic campaign mission - ISPRA Astrea research vessel - Impacts of macro and micro marine litter, Interreg-Med Plastic Buster MPAs Project - SZN;

2018: Head of marine and land surveys at the MPA Egadi Islands on the impacts of micro and macro marine litter, Project “Mediterranean Plastic Free”, NGS;

2012: Oceanographic campaign mission - ANCHEVATIR 2012 – IAMC-CNR Dallaporta research vessel, for biotic and abiotic matrices;

2009: Oceanographic campaign mission - EVATIR 09 - IAMC-CNR Dallaporta research vessel, for biotic and abiotic matrices;

2008: Oceanographic campaign mission - BANSIC 08 - IAMC-CNR Urania research vessel, for biotic and abiotic matrices.

Publications and Conferences

Luca Nalbone, Filippo Giarratana, **Martina Genovese**, Antonio Panebianco, *Occurrence of microplastics in store-bought fresh and processed clams in Italy*, Marine Pollution Bulletin, Volume 206, 2024, 116739, ISSN 0025-326X, <https://doi.org/10.1016/j.marpolbul.2024.116739>.

Christian Galasso, Nadia Ruocco, Mirko Mutalipassi, Lucia Barra, Valentina Costa, Chiara Giommi, Alessia Dinoi, **Martina Genovese**, Daniela Pica, Chiara Romano, Silvestro Greco, Chiara Pennesi, *Marine polysaccharides, proteins, lipids, and silica for drug delivery systems: A review*, International Journal of Biological Macromolecules, Volume 253, Part 5, 2023, 127145, ISSN 0141-8130, <https://doi.org/10.1016/j.ijbiomac.2023.127145>.

Martina Genovese, Maria Cristina Mangano, Federica Papa, Teresa Romeo, Silvestro Greco, *Local businesses' consumption and perception of Single-Use Plastics: A preliminary assessment for conservation and mitigation plans in the Egadi Islands Marine Protected Area*, Marine

Pollution Bulletin, Volume 194, Part A, 2023, 115252, ISSN 0025-326X, <https://doi.org/10.1016/j.marpolbul.2023.115252>.

- Maurizio Sarà, Roberto Firmamento, Giuseppe Cangemi, Luca Pagano, **Martina Genovese**, Teresa Romeo, Silvestro Greco, *Welcome aboard: are birds migrating across the Mediterranean Sea using ships as stopovers during adverse weather conditions?*, IBIS Volume165, Issue1 January 2023, Pages 328-339, <https://doi.org/10.1111/ibi.13103>.
- P. Battaglia, E. Asciutto, S. Canese, F. Cardone, P. Consoli, V. Costa, **M. Genovese**, V. Palummo, D. Pica, E. Salvati, F. Stenico, G. Ucciero, T. Romeo, S. Greco, *Characterization of fish diversity through ROV surveys in an unexplored deep-sea area of the central Mediterranean Sea*, 56 European Marine Biology Symposium, Deep Sea and research in extreme environments: knowledge and conservation (Reykjavik, Iceland - September 4 — 8, 2023).
- M. Mutalipassi, C. Galasso, C. Giommi, D. Pica, N. Ruocco, V. Costa, D. Malara, C. Molino, C. Pennesi, R. Firmamento, S. Scozzafava, **M. Genovese**, C. Scianna, L. Barra, G. Marino, C. Berti, C. Rizzo, T. Romeo, S. Greco, *Benefits from disasters: biotechnological potential of microbenthos living in polluted environments*, 52° Congresso SIBM (Messina, 12-15 giugno 2023).
- M. Genovese**, A. Tronel, D. Iandolo, D. Eglin, and L. Barra, *Exploiting cryogels combined with Tetraselmis convolutae for cadmium phycoremediation of marine waters*, International Congress on Metal-microbe applications to expand the circular economy (IMAB) (April 19th-21st, Porto, Portugal).
- Gabriella Schirinzi, Cristina Pedà, Franco Andaloro, Matteo Baini, Pietro Battaglia, Michela D'Alessandro, **Martina Genovese**, Marinella Farré, Cristina Panti, Maria Cristina Fossi & Teresa Romeo, *Occurrence of Microplastics in the Gastrointestinal Tracts (GITs) of the Common Dolphin, Coryphaena Hippurus, from the Western Mediterranean Sea*, 2nd International Conference on Microplastic Pollution in the Mediterranean Sea, [10.1007/978-3-030-45909-3_37](https://doi.org/10.1007/978-3-030-45909-3_37).
- R. Trepos, **M. Genovese**, J. Mawer, G. Brown and C.Hellio. *Low Emission AntiFouling (LEAF) Project: Antifouling compounds and evaluation of toxicity*, 17th International Congress on Marine Corrosion and Fouling, Singapore, 2014-07-06, Conference poster.

Report

Rapporto della Direttiva quadro sulla strategia marina Monitoraggio dell'AMP di Capo Rizzuto (Italia), con linee di mitigazione degli impatti e linee guida gestionali. Convenzione per l'esecuzione del protocollo attuativo D.M. n. 24833 dell'11 dicembre 2015 per attuazione del D.M. n. 22 dell'11 febbraio 2015.