



Present position: Researcher at the Institute for Marine Biological Resources and Biotechnology (IRBIM) – CNR.

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Biosketch

Monique Mancuso is a biologist with MSc in Biological Sciences (1999, University of Messina). Ph.D. in Marine Environmental Health, Fish Pathology and Quality (2006, University of Messina). She is also Specialist in Applied Microbiology since 2007. Since 2013 she is Researcher at the Institute for Marine Biological Resources and Biotechnology (IRBIM) CNR of Messina. Dr. Mancuso is a member of the editorial board of several scientific journals. During the last years her main topics are focused on: the bacterial diseases in wild and farmed marine organisms; the study of synthetic antibacterial anti-bacterial effects; the study of natural essential oils antibacterial effects, and finally the evaluation and characterization of the microplastics in seawater and marine organisms.

Five selected publications

1. **Mancuso M.**, Savoca S. and Bottari T. (2019) First record of microplastics ingestion by European hake (*Merluccius merluccius*) in Tyrrhenian Sicilian coast (Central Mediterranean Sea). *Journal of Fish Biology*, 94 (3):517-519. doi: 10.1111/jfb.13920.
2. **Mancuso M.**, Catalfamo M., Laganà P., Rappazzo A. C., Raymo V., Zampino D. and Zaccone R. (2019) Screening of antimicrobial activity of citrus essential oils against

- pathogenic bacteria and *Candida* strains. *Flavour and Fragrance Journal*,1-14.<https://doi.org/10.1002/ffj.3491>
3. Savoca S., Capillo G., **Mancuso M.**, Bottari T., Crupi R., Branca C., Romano V., Faggio C., D'Angelo G., Spanò N. (2019) Microplastics occurrence in the Tyrrhenian waters and in the gastrointestinal tract of two congener species of seabreams. *Journal: Environmental Toxicology and Pharmacology* PII: S1382-6689(18)30573-8 DOI: doi.org/10.1016/j.etap.2019.01.011
 4. Manuguerra S., Caccamo L., **Mancuso M.**, Arena R., Rappazzo A.C., Genovese L., Santulli A., Messina C., Maricchiolo G. (2018) The antioxidant power of horseradish (*A Armoracia rusticana*) underlies antimicrobial and antiradical effects, exerted in vitro *J. of Natural Product Research*. <https://doi.org/10.1080/14786419.2018.1517121>.
 5. Randazzo B., Navarra M., Marino F., **Mancuso M.**, Guerrera M.C., Muglia U., Germanà A. (2015)- Adult zebrafish enteritis induced by an infection with *Listonella anguillarum*: a new experimental model for gut diseases. *Diseases of Aquatic Organisms* (DAO)115 (1) 47-55 .