



Present position: researcher at the Institute for Marine Biological Resources and Biotechnology (IRBIM) – CNR of Messina

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Biosketch

Doctor in Veterinary Medicine, Ph.D. in "Marine Environment Health, Fish Pathology and Quality" (2003, University of Messina). Since 2008 permanent researcher at the Institute for Marine Biological Resources and Biotechnology (IRBIM) – CNR of Messina. Among her most important activities, the participation in the following projects: MEDITS - evaluation of demersal resources in the Mediterranean Sea; CAMPBIOL - monitoring of commercial catches; RITMARE - Use of fish parasites as biological tags for stock discrimination. Her main topics are: growth and reproduction of demersal and benthic resources; use of fish parasite as biological tag; impact of plastics on marine environment (evaluation and characterization of plastics pollution levels in 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

2. 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. *Environmental Toxicology and Pharmacology* DOI: doi.org/10.1016/j.etap.2019.01.011
3. Bottari T, Profeta A., Massi D., Titone A, Mobilia V, Iaria C., Lanteri G. (2018). *Lophoura edwardsi* (Sphyriidae: Siphonostomatoida), a parasite of *Coelorinchus caelorhincus* (Macrouridae) from the Central Mediterranean. *Cahiers de Biologie Marine* 59: 563-569.
4. Bottari T., Scarfi G., S. Giacobbe S. (2017) Mass mortality in the noah's ark, *Arca noae*, L., 1758: a case-study from the Strait of Messina (Mediterranean Sea). *Journal of Shellfish Research* 36(3), pp. 749-753
5. Bottari T., Spinelli A., Busalacchi B., Rinelli P., Giacobbe S. (2017) Transplant trials of the fan mussel *Pinna nobilis* inside the SCI of Capo Peloro (Central Mediterranean, Italy). *Journal of Shellfish Research* 36(1), pp. 3-8.