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Camilla Della Torre is Associate Professor in Ecology at the Department of Biosciences, University of Milan. She teaches "Community and Ecosystems". "Conservation of marine biodiversity" and "Laboratory of Ecotoxicology". Her field of research is aquatic ecotoxicology. The main objective of her research is to look at mechanisms of action and toxicity of legacy and emerging pollutants and other stressors in aquatic species under both laboratory and natural exposure conditions. The effects are studied at different levels of biological complexity from the first molecular interactions to the effects at organism level, through the application of a wide range of analytical tools. Specifically: *omics* techniques for evaluating changes in the protein and metabolome pattern in response to stress. Enzyme assays for evaluating the activity of proteins involved in the metabolism/detoxification of contaminants, cyto-genotoxicity, oxidative stress and neurotoxicity biomarkers, and behavioural and reproductive enpoints. Recently, her research has focused on studying the mechanisms of tolerance to ocean acidification in marine invertebrate species. She is member of the editorial board of Frontiers in Marine Sciences and of Environmental Toxicology and Pharmacology. She (co)authored 72 papers in peer reviewed journals Scopus H-index 29.

Relevant publications

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