

Post-Doc Fellow Researcher

*The principal aim of my research has been the quantification and characterization of microplastics in an urban river in relation to seasonal and temporal trends focusing the work on the study of chemicals associated with microplastics.*

*Aside to have acquired a certain awareness and familiarity about the microplastics issue and the complexity of analytical and methodological approaches (from the sampling to the purification and characterization techniques), I based my research to identify and quantify (by GC-MS techniques) persistent organic pollutants (PCBs, PAHs, pesticides) adsorbed on microplastics in order to investigate the role of this contaminants of emerging concern as carrier of hazardous chemicals to marine environments.*

*During my doctorate path in Chemical and Molecular Sciences and during my previous experience, as scholarship holder at CNR, I was able to thoroughly practice chemical analytical techniques about the analysis of pollutants (inorganic and organic) in environmental matrices for several research projects.*

My one main goal in this moment is to acquire an international and multidisciplinary knowledge on microplastics issue looking to the problem from several points of view.

I know that hard work, dedication and passion are the basis of research.