

Special Issue

Molecular Research on Micropollutants in Various Environments

Message from the Guest Editor

Micropollutants are defined as organic and inorganic compounds, as well as biological particles of anthropogenic origin, that widely occur in the environment in trace concentrations, and despite these trace concentrations, they can still have adverse effects on living organisms and the environment where they are present. Micropollutants include antibiotics, pesticides, per- and polyfluoroalkyl substances (PFASs), microplastics, trace metals, steroid hormones, antidepressants and other pharmaceuticals, antibiotic-resistant bacteria, antibiotic resistance genes and others, and they can be found in air, water and soil.

Therefore, this Special Issue will gather a collection of papers focused on the application of innovative molecular methods and strategies for the following: the detection and characterization of micropollutants present in various environmental aspects, identification of micropollutant sources in the environment, strategies and methods to reduce and/or eliminate micropollutants from the environment or to reduce their harmful effect, and gaining insight into the adverse effects of micropollutants on human, animal and environmental health.

Guest Editor

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Message from the Editor-in-Chief

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