

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

Prof. Dr. Anna Lenart-Boroń

Department of Microbiology and Biomonitoring, University of Agriculture in Kraków, Krakow, Poland

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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