



biology



an Open Access Journal by MDPI

Modulation of Toxicity on Freshwater Organisms by Microparticles

Guest Editor:

Dr. Sebastian Beggel

Chair for Aquatic Systems
Biology, Technical University of
Munich, School of Life Sciences,
Muehlenweg 22, D-85350
Freising, Germany

Deadline for manuscript
submissions:

closed (31 October 2021)

Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to provide an overview of the role of particulates in multiple stressor systems in the aquatic environment, especially considering their indirect effects, the influence of background particulates, and the interaction of particulates and dissolved stressors (i.e., adsorption/desorption or leaching of contaminants, toxicity modulation). We seek to identify and highlight common critical issues in aquatic exposure to particulate materials and to assess the risk they pose and how they influence the toxicity of dissolved molecules.

This Special Issue welcomes the submission of original research, short communications, and review manuscripts focusing on the biological effects of microparticles in the aquatic environment and on their interaction with toxic substances, so to provide a realistic overview of this very exciting and interdisciplinary field of biological research.

Dr. Sebastian Beggel

Guest Editor



mdpi.com/si/67250

Special Issue



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Jukka Finne

Research Programme in
Molecular and Integrative
Biosciences, Faculty of Biological
and Environmental Sciences,
University of Helsinki, P.O. Box
56, FI-00014 Helsinki, Finland

Prof. Dr. Andrés Moya

Integrative Systems Biology
Institute, University of Valencia
and CSIC, 46980 Valencia, Spain

Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biology) / CiteScore - Q1 (General Agricultural and Biological Sciences)

Contact Us

Biology Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/biology
biology@mdpi.com
[X@Biology_MDPI](https://twitter.com/Biology_MDPI)