

Special Issue

Ecotoxicity Effects of Metals and Microplastics on Aquatic Organisms

Message from the Guest Editor

In recent years, a wide range of anthropogenic contaminants have been released into aquatic ecosystems as a consequence of human activity, including such sources as industrial effluents, agricultural activities, urban waste, and increased urbanization. The aquatic biota is experiencing co-occurring climate change and pollution, especially in coastal areas and around urban zones, influencing the normal function of aquatic ecosystems. Metals and plastic products are widely used in human activities and are subsequently mostly released into the environment via wastewater or other pathways, posing serious threats to the aquatic biota. Thus, ecotoxicological studies are crucial in deepening our knowledge about how these pollutants affect aquatic organisms, alone or acting as mixtures, as well as their effect when interacting with the rising temperatures caused by climate change.

Therefore, in this Special Issue, we invite investigators to contribute with original research articles, as well as review articles, covering the effects of metals and MP pollution on aquatic organisms.

Guest Editor

Dr. Chiara Martino

Dipartimento di Scienze e Tecnologie Biologiche Chimiche e Farmaceutiche (STEBICEF), Università di Palermo, 90128 Palermo, Italy

Deadline for manuscript submissions

31 October 2025



Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/197922

Life
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
life@mdpi.com

[mdpi.com/journal/
life](https://mdpi.com/journal/life)





Life

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.0
Indexed in PubMed



[mdpi.com/journal/
life](https://mdpi.com/journal/life)



About the Journal

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biology) / CiteScore - Q1 (Paleontology)