Special Issue

Neurological and Endocrine Impacts of Pollutants on Aquatic Organisms

Message from the Guest Editor

The types of pollutants we are generating and the rate we are generating them at are both experiencing explosive growth. Various emerging new pollutants are frequently detected in aquatic environments, such as perfluorinated compounds, plastic additives, pharmaceuticals, and personal care products, as well as microplastics and nanoplastics. These emerging pollutants pose significant threats to the normal activities of aquatic organisms. The nervous and endocrine systems of aquatic organisms are highly sensitive to exposure to these emerging pollutants and are easily disrupted, which affects the behavior of individuals, reproductive development, and even endangers the health of offspring, thereby impacting the stability of whole populations. Our Special Issue focuses on the effects of emerging pollutants on the neurological and endocrine systems of aquatic species. We aim to elucidate the toxicological mechanisms of emerging pollutants and encourage the adoption of new technologies and methods, such as big data and artificial intelligence, to study the disruptive effects of emerging pollutants on the neurological and endocrine systems of different species.

Guest Editor

Dr. Wenjun Shi

School of Environment, South China Normal University, University Town, Guangzhou 510006, China

Deadline for manuscript submissions

23 January 2026

Toxics

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/244504

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

mdpi.com/journal/toxics

Toxics

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/toxics

About the Journal

Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

Editor-in-Chief

Dr. Demetrio Raldúa
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18, 08034 Barcelona, Spain

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Toxicology) / CiteScore - Q1 (Chemical Health and Safety)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).