

Special Issue

Molecular Mechanisms of Toxicity Using the Zebrafish as a Model Organism

Message from the Guest Editors

Zebrafish (*Danio rerio*) offer a number of practical advantages, including their small size, high fecundity, rapid and well-characterized external development and accessible gene manipulation, which make them a favored vertebrate model organism for toxicologically relevant research. Therefore, this Special Issue aims to collect a broad spectrum of novel research in the field of toxicology using zebrafish as the model organism. In particular, studies exploring underlying molecular mechanisms and new technologies that will be helpful for advancing current knowledge are encouraged. Both original articles and reviews are welcomed. We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Liwei Sun

College of Environment, Zhejiang University of Technology, Hangzhou, China

Prof. Dr. Wenqing Tu

Department of Environmental Science and Engineering, Jiangxi Agricultural University, Nanchang, China

Deadline for manuscript submissions

31 January 2025



Toxics

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 4.5
Indexed in PubMed



mdpi.com/si/188734

Toxics

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

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





Toxics

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 4.5
Indexed in PubMed



[mdpi.com/journal/
toxics](https://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 - Q2 (Chemical Health and Safety)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2024).