

## Special Issue

# Integration of Animal Models and Omics Technologies for Exploring Toxicity Mechanisms

### Message from the Guest Editor

We welcome original research and reviews on the following topics: Cutting-edge in vivo or ex vivo models to dissect toxicity mechanisms beyond apical observations;

Applications of integrative omics to identify predictive biomarker panels for early detection or mechanistic classification;

Cross-species comparisons to enhance translational relevance.

This Special Issue aims to showcase interdisciplinary studies that bridge molecular phenotyping with functional toxicity assessment, fostering the development of more predictive and mechanism-based safety evaluation paradigms.

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### Guest Editor

Dr. Liang Chen

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### Deadline for manuscript submissions

30 September 2026



## Toxics

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Impact Factor 4.1  
CiteScore 7.8  
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## 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.

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### Editor-in-Chief

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### 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 17.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2025).