

Special Issue

New Approach Methodologies for Agrochemicals and Food Toxicology

Message from the Guest Editors

This Special Issue aims to explore innovative strategies that enhance the safety assessment of agrochemicals and evaluate their toxicological impacts on food products. The scope of this Special Issue includes, but is not limited to, the following topics:

- Using NAMs to study the toxic effects of agrochemicals or food-contaminating chemicals;
- The development and validation of NAMs for agrochemical and food safety assessments;
- The application of omics technologies (genomics, proteomics, metabolomics) in food toxicology;
- Computational modeling for predicting agrochemical behavior and toxicity;
- Risk assessment of agrochemical residues in food products;
- Regulatory perspectives and policy implications regarding the adoption of NAMs in agrochemical and food safety assessments.

Join us in advancing the field by submitting your latest research and contributing to this timely discussion concerning the future of agrochemical and food toxicology assessments. Together, let us pave the way for safer and more sustainable agricultural practices.

Guest Editors

Dr. Chiachi Wang

Department and Graduate Institute of Veterinary Medicine, National Taiwan University, Taipei 10617, Taiwan

Prof. Dr. Chun-Wei Tung

Institute of Biotechnology and Pharmaceutical Research, National Health Research Institutes, Zhunan 350401, Taiwan

Deadline for manuscript submissions

16 April 2026



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/210673

Toxics
Editorial Office
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 4.1
CiteScore 6.4
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 - 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).