

Special Issue

Nanotoxicology Research: *Caenorhabditis elegans* as a Model Organism

Message from the Guest Editors

In the Special Issue “Nanotoxicology Research: *Caenorhabditis elegans* as a Model Organism”, we invite the submission of manuscripts on toxicity assessment and toxicological study of different types of nanomaterials using *C. elegans* as an animal model. The scope of this Special Issue includes but is not limited to (1) toxicity assessment of different nanomaterials and nanocomposites; (2) factors affecting nanotoxicity induction; (3) chemical basis of nanotoxicity induction, such as chemical modifications; (4) cellular and molecular mechanisms of nanotoxicity induction; and (5) role of additives in nanotoxicity induction. This Special Issue aims to provide a comprehensive understanding of the value of the *C. elegans* animal model in nanotoxicology research.

Guest Editors

Prof. Dr. Dayong Wang

Key Laboratory of Environmental Medicine Engineering of Ministry of Education, Medical School, Southeast University, Nanjing, China

Dr. Huanliang Liu

Environment and Health Research Division, Public Health Research Center, Wuxi School of Medicine, Jiangnan University, Wuxi, China

Deadline for manuscript submissions

closed (30 November 2023)



Toxics

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 6.4
Indexed in PubMed



mdpi.com/si/143057

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 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).