

Special Issue

Dysbiosis of Gut Microbiota by Environmental Pollutants: Implications for Host Health

Message from the Guest Editor

The Special Issue focuses on the original studies, reviews and short communications that are designed to explore the toxic effects of environmental pollutants on gut microbiota. Environmental pollutants include, but are not limited to, persistent organic pollutants, antibiotics, nanoparticles and metals. Research studies that are able to provide mechanistic insight into gut microbiota disturbances by pollutants and elucidate the underlying implications to host health are especially welcome.

- gut microbiota
- host health
- environmental pollutants
- gut–liver axis
- gut–brain axis
- mode of toxic action

Guest Editor

Prof. Dr. Lianguo Chen

Institute of Hydrobiology, Chinese Academy of Science, Wuhan 430072, China

Deadline for manuscript submissions

closed (31 July 2022)



Toxics

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 4.5
Indexed in PubMed



mdpi.com/si/83952

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).