



*toxics*



an Open Access Journal by MDPI

## Cellular, Molecular and Genetic Toxicity of Endocrine Disruptors

Guest Editors:

**Prof. Dr. Yungang Liu**

School of Public Health,  
Southern Medical University,  
Guangzhou, China

**Dr. Tao Chen**

School of Public Health, Medical  
College of Soochow University,  
Suzhou, China

**Dr. Xiaoshan Liu**

Dongguan Key Laboratory of  
Environmental Medicine, School  
of Public Health, Guangdong  
Medical University, Guangdong  
523808, China

Deadline for manuscript  
submissions:

**closed (30 June 2023)**

### Message from the Guest Editors

Endocrine disruptors comprise a large spectrum of xenobiotics, ranging from medicinal chemicals to various industrial and environmental compounds. To date, the endocrine-disrupting effects of these compounds have been relatively sufficiently studied, but other endpoints, such as cellular, molecular and genetic toxicity via activated nuclear receptors and the modulated expression of biotransformation enzymes are not fully understood. Further investigation is highly required regarding the toxic effects of endocrine disruptors via their interaction with intracellular macromolecule targets in various experimental models, including but not limited to cell cultures, intact animal models (preferentially relevant transgenic animals), and human subjects.

This Special Issue focuses on nuclear receptors and their downstream protein-mediated toxic effects in various biologic systems (i.e., experimental models), which will be helpful for comprehensively understanding the toxicity of endocrine disruptors.

In this Special Issue, original research articles, literature reviews, and short communications are all welcome.



[mdpi.com/si/137473](https://mdpi.com/si/137473)

# Special Issue



*toxics*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Dr. Demetrio Raldúa**

Department Environmental  
Chemistry, IDAEA-CSIC, Jordi  
Girona 18, 08034 Barcelona,  
Spain

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**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)

## Contact Us

---

*Toxics* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/toxics](http://mdpi.com/journal/toxics)  
[toxics@mdpi.com](mailto:toxics@mdpi.com)  
X@@Toxics\_MDPI