



Occupational and Environmental Exposures, Diseases and Epidemiology: From Basic Research to Human Health

Guest Editors:

Dr. Jeroen Vanoirbeek

KU Leuven, Department of Public Health and Primary Care, Centre for Environment and Health, Leuven, Belgium

Dr. María Jesús Cruz Carmona

Research Unit of Pulmonology, University Hospital Vall d'Hebron, Barcelona, Spain

Deadline for manuscript submissions:

20 June 2024

Message from the Guest Editors

Dear Colleagues,

Frequent exposure to chemical, biological and physical agents can lead to adverse health outcomes and a decreased life expectancy. This can arise from air and water pollution, climate change, endocrine disruptors, heavy metals, and phthalates in the general environment to very specific occupational exposure to chemicals. For this Special Issue, we would like to invite you to submit your novel research on:

- Novel environmental and occupational risks and the health effects.
- Novel mechanisms of early adverse health effects.
- The association or contribution of occupational exposure and health outcomes, with environmental exposure and health outcomes.
- Development of improved risk assessment methods, with estimations of improved life quality.
- Exposure during pregnancy and at other vulnerable moments in life (from cradle to grave).
- Early identification of exposure and disease via novel biomonitoring methods (e.g., metabolomics or proteomics) and markers.
- The current knowledge and meta-analysis of data.

From large-scale cohort studies to personalized medicine, what are the next steps?





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](#), [CAPus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q1 (*Toxicology*) / CiteScore - Q2 (*Chemical Health and Safety*)

Contact Us

Toxics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/toxics
toxics@mdpi.com
X@Toxics_MDPI