



*toxics*



an Open Access Journal by MDPI

## Occupational Exposure to Chemicals, Aerosols and Toxic Materials

Guest Editor:

### **Dr. Tapani Tuomi**

Work Environment Development,  
Finnish Institute of Occupational  
Health, Työterveyslaitos, P.O. Box  
40, FI-00032 Helsinki, Finland

Deadline for manuscript  
submissions:

**30 August 2024**

### **Message from the Guest Editor**

Exposure estimation and management is an integral part of workplace safety management systems. If excessive or significant exposure cannot be ruled out, for instance, by considering the number of chemicals used, or the concentration of dust-producing substances in machined matrixes, exposure needs to be estimated. Methods of estimating exposure include exposure modeling, biomonitoring, and airway or skin exposure measurements of harmful agents.

The aim of this Special Issue is to show that particularly harmful agents commonly present in many occupational settings can be managed with common exposure management methods, without hindering cost-efficient production methods. In this Special Issue, the economic realities of suggested exposure management protocols will be discussed with regard to total production costs. Papers presenting descriptions of methods developed to estimate exposure or analyze exposure agents will also be considered, as will reports of methods developed to manage exposure.



[mdpi.com/si/195275](https://mdpi.com/si/195275)

# 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 - Q2 (*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](#)