

## Special Issue

# Biomarkers of Oxidative Stress from Environmental and Occupational Exposure: Implications for Health Risk Assessment

### Message from the Guest Editors

The present Special Issue, entitled “Biomarkers of Oxidative Stress from Environmental and Occupational Exposure: Implications for Health Risk Assessment”, focuses on biomarker discovery in oxidative stress resulting from environmental and occupational exposure using a human biomonitoring approach. Potential topics include, but are not limited to, the following: 1) Exploration of biomarkers for assessing oxidative stress attributable to environmental or occupational exposure; 2) Assessment of oxidative stress in vulnerable populations such as children and pregnant women; 3) Assessing susceptibility to oxidative stress at the individual or population level; 4) Investigating the associations between internal dose and environmental exposure and the relevant exposure pathways resulting in oxidative stress; 5) Analytical and methodological advances in assessing oxidative stress caused by environmental and occupational exposure. We cordially invite all researchers to submit their submissions (i.e., original research papers, review articles, highlights, and commentaries) for publication in this Special Issue.

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### Guest Editors

Dr. Ata Rafiee  
Prof. Dr. Peter Sly  
Dr. Mohammad Hoseini

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### Deadline for manuscript submissions

closed (31 December 2025)



## Toxics

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## 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.

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### Editor-in-Chief

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