

Special Issue

Benzene: Exposure and Risk Assessment

Message from the Guest Editors

Benzene is a worldwide pollutant and a substance of great concern for its carcinogenic and mutagenic properties. Although air quality has improved in recent decades, in many cases benzene concentrations exceed air quality standards. Therefore, an accurate health risk assessment due to benzene exposure is an essential requirement. To reduce risks and consequently to preserve public health, there is also a need to focus research priorities in order to investigate the environment from a more realistic point of view and find a linkage between the biomonitoring data and the key toxicological endpoints, taking into account the continuous progress in analytical techniques and sensoristic applications. This Special Issue focuses on the current state of knowledge regarding the links between benzene exposure and human health. Papers dealing with new approaches of risk assessment and management, as well as those focused on air quality standards, are welcome. We will welcome manuscripts from different disciplines including exposure assessment science, analytical chemistry, epidemiology, risk and health impact assessment, risk management and in vivo/in vitro studies.

Guest Editors

Dr. Diana Poli

Department of Occupational and Environmental Medicine, Epidemiology and Hygiene, Istituto Nazionale Assicurazione Infortuni sul Lavoro (INAIL), 00144 Roma, Italy

Dr. Daniela Pigini

Department of Occupational and Environmental Medicine, Epidemiology and Hygiene, Istituto nazionale Assicurazione Infortuni sul Lavoro (INAIL), 00144 Roma, Italy

Deadline for manuscript submissions

closed (29 February 2024)



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/73384

*International Journal of
Environmental Research and
Public Health*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijerph@mdpi.com

[mdpi.com/journal/
ijerph](https://mdpi.com/journal/ijerph)





International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



[mdpi.com/journal/
ijerph](https://mdpi.com/journal/ijerph)



About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Paul B. Tchounwou

RCMI Center for Urban Health Disparities Research and Innovation,
Richard N. Dixon Research Center, Morgan State University, Baltimore,
MD 21251, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, PubMed, MEDLINE, PMC, Embase, GEOBASE, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Public Health, Environmental and Occupational Health)