

Special Issue

Human Exposure to Genotoxic Environmental Contaminants

Message from the Guest Editors

This Special Issue aims to address the pressing concerns surrounding the impact of various environmental pollutants on human health. As industrial activities, agricultural practices and urbanization continue to introduce a wide array of contaminants into the environment, meaning that there is a critical need to understand their genotoxic effects. This Special Issue aims to cover various pollutants, including industrial chemicals, agricultural pesticides, pharmaceuticals, and emerging contaminants such as nanomaterials. We welcome the submission of original research, reviews, and case studies that employ innovative methodologies to assess these contaminants' genotoxicity and overall health impacts. Studies utilizing micronuclei assays, biomonitoring, in vitro and in vivo models, and epidemiological approaches are particularly encouraged to be submitted. Additionally, contributions that focus on risk assessment and nanogenotoxicology are highly encouraged. By bringing together cutting-edge research, this Special Issue aims to enhance our understanding of the risks posed by environmental contaminants and to inform regulatory policies and public health interventions.

Guest Editors

Dr. María Evarista Arellano

Laboratorio de Genotoxicología Ambiental, Facultad de Ciencias, Universidad Autónoma de Baja California, Ensenada 22860, Mexico

Dr. Olivia Torres Bugarin

Medicina Interna II, Facultad de Medicina, Universidad Autonoma de Guadalajara, Zapopan 45129, Mexico

Deadline for manuscript submissions

30 November 2025



International Journal of Environmental Research and Public Health

an Open Access Journal
by MDPI

CiteScore 8.5
Indexed in PubMed



mdpi.com/si/212824

*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)