Recent Advances in Toxicological Risk Assessment and Public Health Informatics for Environmental and Occupational Health Hazards

Guest Editors:

Dr. Ashutosh Pandey
Department of Molecular and Human Genetics, Baylor College of Medicine, Houston, TX 77030, USA

Dr. Abhinava K. Mishra
Department of Molecular, Cellular, and Developmental Biology, University of California Santa Barbara, Santa Barbara, CA 93106, USA

Deadline for manuscript submissions:
closed (30 April 2023)

Message from the Guest Editors

Dear Colleagues,

This issue of *IJERPH* aims to cover studies that concern risk assessment for human health hazards, including emerging environmental pollutants/xenobiotics using human population samples or any relevant in vivo or in vitro model system approaches. This issue also focuses on public health informatics-based approaches for epidemiological prediction, surveillance, data analysis, reporting and outbreak management. The research may also encompass the development of new and improved modeling-based approaches, AI, big data and machine learning for next-generation and community medicine.

In this Special Issue, we invite researchers in the field of toxicology (including environmental toxicology and regulatory toxicology), public health, information technology and epidemiology, as well as healthcare professionals, clinicians, data scientists and policymakers, among others, to submit original research articles, systematic reviews, mini-reviews, letters and communication or opinion pieces related to the proposed focus areas.

Dr. Ashutosh Pandey
Dr. Abhinava K. Mishra
Guest Editors

Special Issue

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

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for 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, open access journal.

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)

Contact Us