

Special Issue

Genotoxicity of Environmental Pollutants: From Mechanistic Insights to Risk Assessment

Message from the Guest Editors

Environmental pollutants, including heavy metals, pesticides, industrial chemicals, and microplastics, pose a significant threat to genomic integrity. This Special Issue aims to explore the molecular and cellular mechanisms underlying pollutant-induced genotoxicity, highlighting novel biomarkers, in vitro and in vivo testing methodologies, and advanced computational approaches. Additionally, it will address implications for human health, ecological impact, and regulatory frameworks. Contributions focusing on emerging contaminants, oxidative stress-related DNA damage, epigenetic modifications, and innovative risk assessment strategies are particularly welcome. We look forward to your submissions.

Guest Editors

Dr. Antonio Cascajosa-Lira

Area of Toxicology, Faculty of Pharmacy, Universidad de Sevilla, C/
Professor García González 2, 41012 Seville, Spain

Dr. Remedios Guzmán-Guillén

Area of Toxicology, Faculty of Pharmacy, Universidad de Sevilla, C/
Profesor García González 2, 41012 Seville, Spain

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Toxics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
toxics@mdpi.com

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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.

Editor-in-Chief

Dr. Demetrio Raldúa
Department Environmental Chemistry, IDAEA-CSIC, Jordi Girona 18,
08034 Barcelona, Spain

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.1 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).