

Special Issue

Radiation: Occurrence, Transport and Effect

Message from the Guest Editors

We are exposed to various physical and chemical health hazards in our daily lives, even if each of them is at a non-risk level. Exposure to radiation is also happening all around us. The expansion of industrial and medical uses of radiation and nuclear accidents has led to growing public concern over their health effects. In general, toxicology studies hazardous substances and their potential toxicity, mechanisms of chemical reaction and toxic substations, and the construction of protocols for prevention, diagnosis, detoxification, and treatment. In addition, studies on the hazardous risks of radiation exposure and radionuclides are known as “radiotoxicology”, which includes the combined biological effect of chemical toxicity and radiation. This Special Issue will aim to highlight the latest advances in radiotoxicological studies present in both low and high doses of ionizing radiation, that potentially harbor risks of mutation, carcinogenesis, and genomic instability. Authors are invited to submit original research papers, reviews, short communications, and technical notes on novel methods and advancements.

Guest Editors

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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

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Rapid Publication:

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).