

Special Issue

Radiation Exposure and Health Effects

Message from the Guest Editors

This Special Issue focuses on studies relevant to ionizing radiation exposure-induced injury and health effects. The risk of radiation-induced injury is increased due to the expanding of nuclear proliferation, terrorist activities, and the improper distribution of radioactive materials. In addition, radiation therapy side effects in normal tissues can damage healthy cells and lead to molecular, cellular, and functional disorders. We aim to establish this Special Issue to include articles with the up-to-date research results and information in broad categories involved in: (1) Studies in fundamental and basic radiation science, including the mechanisms of radiation-mediated molecular, cellular, and multiple organ injuries in in vitro and in vivo study models; (2) Radiation dosimetry studies that can estimate/predict either the incurred radiation exposure doses or radiation damages; (3) Developing radiation countermeasures for prevention and mitigation/treatment of radiation injuries. This Special Issue will include review articles and original articles investigating radiation effects and related subjects in the radiation field.

Guest Editors

Dr. Mang Xiao

Armed Forces Radiobiology Research Institute, Uniformed Services University of The Health Sciences, Bethesda, MD 20814, USA

Dr. Wanchang Cui

Henry M Jackson Foundation for The Advancement of Military Medicine, Bethesda, MD 20817, USA

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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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