

Special Issue

The Effect of Ionizing Radiation on Human Cells

Message from the Guest Editors

Ionizing radiation is a critical area of study. This special issue will provide a platform for researchers, scientists, and experts to share their findings. It aims to gather cutting-edge research and insights into the impact of ionizing radiation on human cells, shedding light on its mechanisms, consequences, and potential applications. The special issue invites original research articles, reviews, and perspectives that address diverse aspects related to ionizing radiation, such as: Mechanisms of DNA damage and repair in response to ionizing radiation.

Cellular and molecular responses to ionizing radiation exposure.

Radiobiology and radiation therapy strategies for cancer treatment.

Molecular mechanisms of long-term effects of ionizing radiation on human health.

Novel techniques and technologies for assessing radiation-induced cellular and molecular responses. Protection and mitigation strategies based on the molecular effects of radiation. Together, let us explore the profound effects of ionizing radiation on human cells and molecules and pave the way for advancements in radiation biology and its applications.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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