



Radiation Damage in Biomolecules and Cells 2.0

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Deadline for manuscript submissions:

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Message from the Guest Editors

Dear Colleagues,

Ionizing radiation is widely used in medicine, both as a diagnostic tool and as a therapeutic agent. Furthermore, several exposure scenarios raise radiation protection issues. It is therefore mandatory for the scientific community to continuously update and improve the knowledge of the mechanisms governing the induction of radiation effects in biological targets and to apply the acquired information to optimize the medical use of radiation as well as the protecting strategies.

This Special Issue on “Radiation damage in biomolecules and cells” is open to researchers working (both experimentally and theoretically) on the effects of ionizing radiation at the molecular and cellular levels. We welcome papers on the different types of DNA/chromosome/cell damage, addressing the underlying mechanisms and/or the dependence on dose, dose–rate, radiation quality, cell type, etc., as well as the possible implications for radiotherapy and radiation protection.





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Message from the Editor-in-Chief

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