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Radiation-Induced Damage to DNA 2.0

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Message from the Guest Editors

Dear Colleagues

This Special Issue will expose the reader to the mechanisms of direct and indirect radiation-induced DNA damage, radiation damage to DNA–protein complexes, the computational modeling of radiation damage to DNA, radio- and photosensitizers of DNA damage, repair of radiation-induced DNA damage, the biological consequences of DNA damage, the radiotherapy of cancer, photodynamic therapy, and cellular responses to DNA damage.

Keywords

- DNA radio-/photodamage
- radiosensitizers
- solvated electrons
- photosensitizers
- hypoxia
- DNA repair
- protein–DNA complexes
- molecular modeling of DNA damage



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Special Issue



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