

## Special Issue

# Advances and Challenges in Biomolecular Radiation Research 2.0

### Message from the Guest Editor

In recent decades, studies of genetic and epigenetic changes in response to radiation exposure have significantly contributed to a better understanding of the machinery of DNA repair, complex protein-interaction pathways, and their inhibition or associated immune reactions. Nevertheless, understanding the mechanisms behind radiosensitivity and resistance is still challenging for radiation research, improvements in radiation protection and (personalized) medical radiation treatment.

This Special Issue will focus on experimental and theoretical advances in molecular sciences, and on technological challenges and solutions in modern biological radiation research as well as biomolecular approaches towards (personalized) medical diagnosis and treatment. As , I would like to invite scientists working in biomolecular radiation research to submit their recent results to this Special Issue in order to demonstrate the breadth and vitality of this field.

### Guest Editor

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### Deadline for manuscript submissions

closed (20 March 2022)



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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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### Editor-in-Chief

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