

## Special Issue

# Radiation Damage in Biomolecules and Cells 2.0

### Message from the Guest Editors

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.

### Guest Editors

Dr. Francesca Ballarini

1. Physics Department, University of Pavia, Pavia, Italy
2. Istituto Nazionale di Fisica Nucleare – Sezione di Pavia, Pavia, Italy

Dr. Mario Pietro Carante

1. Istituto Nazionale di Fisica Nucleare – Sezione di Pavia, Pavia, Italy
2. Physics Department, University of Pavia, Pavia, Italy

### Deadline for manuscript submissions

closed (30 June 2022)



## International Journal of Molecular Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[ijms@mdpi.com](mailto:ijms@mdpi.com)

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## About the Journal

### 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

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,  
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle  
Marche, Via Ranieri 65, 60100 Ancona, Italy

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