

## Special Issue

# The Role of Hypofractionated Radiotherapy in Modern Oncology

### Message from the Guest Editors

Advances in current radiation oncology enabled more precise dose delivery with significant sparing of surrounding healthy tissues. Thus, the fear of late complications associated with a higher dose per fraction was drastically reduced. Moreover, radiobiological research suggested more complex interactions between various fraction doses with modern systemic treatments such as immunotherapy than those calculated using radiobiological models. Various regimens of hypofractionated radiotherapy were and are investigated in various clinical trials that confirmed their safety and efficacy. This Special Issue includes original reports and reviews that highlight biological and clinical aspects of hypofractionation in modern oncology. We also welcome studies regarding ultra-hypofractionation (SBRT, SRS). The main areas of interest are:

- The biological basis of hypofractionation;
- Novel indications for hypofractionated radiotherapy;
- The combination of hypofractionated regimens with systemic treatment and radiosensitizers.

### Guest Editors

Dr. Mateusz Spatek  
Dr. Aleksandra Napieralska  
Dr. Bartłomiej Tomasik

### Deadline for manuscript submissions

closed (31 May 2023)



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### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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### Editor-in-Chief

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