

Special Issue

New Advances and Challenges in Radiation Oncology for Gynaecological Malignancies

Message from the Guest Editors

Radiation therapy plays a crucial role in the treatment of gynaecological tumors. This Special Issue focuses on basic science in addition to translational and clinical research on the application of new radiation techniques in order to have a more complete comprehension of the response and toxicity after radiation therapy in gynecological malignancies. Topics of interest could include, but are not limited to, particle radiotherapy, brachytherapy, stereotactic radiotherapy, BNCT, the application of radiotherapy on rare gynecological tumors, 2D–3D and animal radiobiological models, radiosensitizers and radioprotectors, combination treatments, immune radiobiology, and the tumor microenvironment. We also welcome manuscripts related to the clinical impact of radiation therapy on gynecological tumors and the impact of new advances in decreasing/preventing toxicities (i.e., planning systems, radiobiological models, image-guided techniques, and omics, but also new approaches such as pre- and post-rehabilitation techniques).

Guest Editors

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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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