

Special Issue

Advances in Radiation Therapy for Tumor Treatment

Message from the Guest Editors

We are inviting submissions to the Special Issue on Advances in Radiation Therapy for Tumor Treatment, which aims to cover all of the latest outstanding developments in radiation oncology.

Radiotherapy has a central role in the multidisciplinary field of oncology, being indicated in approximately half of cancer patients, possibly in synergistic combination with other treatment modalities. Technological advances in imaging and treatment planning and delivery have led to more accurate treatments, reduced treatment times, improved oncological outcomes, and reduced toxicity. A deeper understanding of tumour biology has fostered the personalization of treatments and a more accurate selection of patients. The advent of artificial intelligence and the availability of a large amount of data hold promise for the optimization of the whole radiotherapy workflow and refinement of the response assessment.

Overall, advances in radiation oncology have enabled highly personalized and precise treatments, with a positive impact on tumour outcomes and patients' quality of life.

Guest Editors

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Deadline for manuscript submissions

closed (10 January 2024)



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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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