Special Issue

Cutting-Edge Research into Cancer Radiotherapy

Message from the Guest Editors

Radiation therapy remains one of the cornerstone treatments for cancer, used in approximately 50% of all cancer cases either as a standalone therapy or in combination with surgery, chemotherapy, or immunotherapy.

Emerging approaches such as proton therapy and stereotactic body radiation therapy (SBRT) are pushing the boundaries in terms of precision and efficacy, particularly in tumors located near critical structures or in hard-to-reach areas. Artificial intelligence (AI) and machine learning are also transforming cancer radiation therapy.

For this Special Issue, we welcome papers discussing state-of-the-art research on cancer radiation therapy. Our aim is to identify and address challenges, such as treatment resistance or the accessibility of cutting-edge treatments. We encourage the submission of new data showing the potential of novel techniques or technologies that could attract funding for further research and development. We also invite studies that explore tailored therapies based on tumor type, genetic markers, or patient-specific factors.

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