

Special Issue

New Advances in Radiation Therapy

Message from the Guest Editors

Radiation oncology continues to evolve as a discipline where technological advancement, biological insight, and therapeutic innovation converge.

Central to this evolution is the increasing adoption of adaptive radiotherapy, which enables treatment adaptation in response to anatomical and functional changes, improving precision without compromising workflow feasibility. The spread of new hadrontherapy centers has made particle therapy available in an ever-increasing number of countries. In parallel, modern fractionation approaches—including hypofractionation and ultra-hypofractionation—are redefining therapeutic paradigms across multiple tumor sites, supported by growing clinical evidence and an improved understanding of radiobiological responses.

The articles in this collection reflect these trends, offering both technical depth and clinical relevance. By capturing the interplay between innovation and practical application, this Special Issue aims to contribute to the ongoing advancement in patient-centered, precision-based radiation oncology.

Guest Editors

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