

Special Issue

Emerging Radiotherapy Technologies and Trends

Message from the Guest Editor

Radiotherapy is undergoing a transformative evolution, driven by rapid advancements in imaging, treatment planning, artificial intelligence, and delivery techniques. Despite the fact that significant progress has been made, challenges remain, including tumour motion management, normal tissue toxicity, adaptive treatment, and real-time dose monitoring. This Special Issue is therefore both timely and essential, as we seek to explore radiotherapy technologies that could improve clinical outcomes and patient quality of life.

We aim to collate innovative articles that focus on technological breakthroughs such as MR-guided radiotherapy, FLASH therapy, AI-driven treatment optimisation, radiomics, proton and heavy ion therapy, and the integration of theragnostics.

We invite researchers and clinicians to submit their original manuscripts exploring emerging methods or sharing clinical experiences. Your contributions will help to shape the future landscape of radiation oncology and accelerate the transition from innovation to clinical practice.

Guest Editor

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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