

Special Issue

Artificial Intelligence (AI) in Radiation Oncology

Message from the Guest Editor

Technological advancements are leading the way in the field of radiation oncology, with the recent introduction of new hybrid MR-guided linear accelerators and the global widespread of daily adaptive radiotherapy. Alongside a deeper knowledge of cancer biological and genomic signatures, there is a growing amount of data available from imaging exams with radionics that should allow clinicians to gain new information in terms of outcome prediction. In this scenario, the role of artificial intelligence is gaining attractiveness in the scientific community as a helpful tool for both refining accuracy in treatment delivery and improving knowledge about predictive factors for clinical outcomes. The aim of this Special Issue is to cover novel innovative findings and concepts within the field of artificial intelligence applied to all aspects of radiation oncology.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 25 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the second half of 2025).