



## Mathematical Applications for Clinical Radiotherapy

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### Message from the Guest Editors

Dear Colleagues,

Cancer is a complex disease. An adequate description of cancer can only be obtained by integration of multiple interdependent biological mechanisms in tumor cells and in the tumor microenvironment, including the immune system. Computational tools can create a global description of the diverse biological forces driving tumorigenesis, metastasis, treatment effects and, finally, cure probability. Mathematical intelligence of cancer may be a valuable tool to define new classifications, predictions, and research strategies not only in laboratories, but also in the clinic.

Radiation oncology has a distinguished history as a forerunner of personalized treatment modality in clinical oncology.

This Special Issue of the Journal of Personalized Medicine is deployed to highlight the current state of the mathematical applications for radiation oncology and showcase some of the latest findings in the field of radiotherapy effects modelling.

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## Message from the Editor-in-Chief

*Journal of Personalized Medicine (JPM; ISSN 2075-4426)* is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, ‘omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

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