

## Special Issue

# Novel Biomarkers and Dose-Response Modifiers in Radiation Oncology and Nuclear Medicine: Molecular Insights for Personalized Therapy and Precision Medicine

### Message from the Guest Editors

Radiation oncology and nuclear medicine are placing increasing importance on testing and employing biomarkers to reveal key information about specific cancers and how they respond to particular therapies. Another pivotal issue is the manner in which biological molecules modify individual responses to ionizing radiation. Innovative targeting based on molecules that increase the local effects of radiation is a further aspect to be considered. The objective of this Special Issue is to furnish a comprehensive overview of contemporary methodologies employed for predicting outcomes and modifying responses to external radiotherapy, brachytherapy, and internal radiotherapy in the domain of nuclear medicine. A particular focus of this Special Issue is to provide an overview of the molecular mechanisms intended for personalized approaches in the application of ionizing radiation for cancer treatments.

### Guest Editors

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### Deadline for manuscript submissions

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*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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