

Special Issue

Internal and/or External Radiotherapy and Dosimetric Evaluation: From Cellular Level to the Patient

Message from the Guest Editors

In this Special Issue, we invite you to contribute with original research articles exploring application of radiotherapy and/or nuclear medicine therapy on cell cultures and/or patients. Theoretical and experimental studies are welcome for submission, as well as are comprehensive reviews and editorials. Potential topics include, but are not limited to:

- Basic research on cell cultures exposed to ionizing radiation;
- Spectroscopic investigation on cell cultures exposed to ionizing radiation;
- Dosimetry and radiobiological study at the cellular and/or animal level;
- Radiobiology analysis of in vitro assays with tumor cell lines and in animal models of cancer;
- Diagnostic nuclear medicine;
- Quantitative imaging;
- Advances in nuclear medicine dosimetry;
- Therapeutic nuclear medicine;
- Advances in radiotherapy planning and delivery;
- Basic research in radiotherapy;
- Pre-treatment and/or in vivo dosimetric evaluation of ionizing radiation treatments or online dosimetry;
- Software and instruments for dose assessment;
- Radiomics;
- Predictive models.

Guest Editors

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Deadline for manuscript submissions

closed (20 July 2024)



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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