



Novel Technologies in Radiology and Radiobiology

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Message from the Guest Editor

Dear Colleagues,

The objective of this special Issue of *Applied Sciences* on “Novel Technologies in Radiology and Radiobiology” is to cover the latest developments in applied science in the field of ionizing radiation.

Potential topics of interest for this Special Issue include (but are not limited to) the following areas:

- Detection and dosimetry of ionizing radiation;
- Implementation of advances in medical radiation technology and techniques, in industry and in research;
- Dose response models and low dose rates;
- Industrial, research, processing, transport and decontamination applications;
- Management and waste disposal;
- Effects of ionizing radiation, including biological mechanisms, health risk assessment, and exposure characteristics;
- Ecological consequences of exposure of biota;
- Measurement of radiation dose: external, internal, biological, and patient dosimetry;
- Numerical and computational dosimetry: mathematical methods and models applied to radiation dosimetry;
- Medical and biomedical image in diagnostic radiology;
- Novel technologies in radiotherapy.

Dr. Miguel Alcaraz
Guest Editor





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Editor-in-Chief

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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.

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