



## New Vistas in Radiotherapy

Guest Editors:

**Prof. Dr. Andrew Nisbet**

Department of Medical Physics & Biomedical Engineering, Faculty of Engineering Science, University College London, London, UK

**Dr. Spyros Manolopoulos**

Department Dept of Medical Physics & Biomedical Engineering, Faculty of Engineering Science, University College London, London, UK

Deadline for manuscript submissions:

**closed (30 April 2023)**

### Message from the Guest Editors

More than half of cancer patients receive radiotherapy as part of their treatment and ongoing developments in the field have ensured that radiotherapy remains a key treatment option. Technological developments have seen the implementation of image guided, high precision treatments such as stereotactic radiosurgery (SRS) and stereotactic ablative radiotherapy (SABR) employing high dose, low fraction treatment regimens. The number of proton and carbon beam therapy facilities continues to rise globally and developments in molecular radiotherapy and brachytherapy have also been seen. Together with these developments challenges remain in both introducing truly personalized radiotherapy to expanding access to radiotherapy globally.

The aim of this special issue is to provide an up to date overview of developments in all stages of the radiotherapy patient's pathway, from pre-clinical studies through to treatment planning and treatment delivery.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo**  
Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## 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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

## Contact Us

---

*Applied Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[applsci@mdpi.com](mailto:applsci@mdpi.com)  
[X@Applsci](#)