

Special Issue

Imaging of Cancer and Radiation Therapy: Recent Advances and Challenges

Message from the Guest Editors

Radiation therapy is widely used in many types of the most common cancers such as breast, cervical, colorectal, and lung cancer, representing an important tool for cancer treatment.

In recent years, radiation therapy underwent rapid development due to the introduction of new advances, such as three-dimensional conformal therapy, stereotactic radiotherapy, intensity-modulated radiation therapy, image-guided and stereotactic body radiation therapy, tomotherapy, brachytherapy techniques, and proton or heavy-ion therapy.

Recently, new imaging techniques have been introduced, such as radiomics and artificial intelligence.

These modern approaches could be able to predict disease response and support decision making regarding the continuation or modification of treatment planning, as well as integration with other treatment modalities.

This Special Issue aims to explore the most modern advances of radiomics and artificial intelligence applied to the radiotherapeutic treatment of various types of cancers, and to explore their added value in the management of cancer treatment.

Guest Editors

Prof. Dr. Riccardo Manfredi

Dr. Valerio Di Paola

Dr. Luca Russo

Deadline for manuscript submissions

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Cancers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cancers@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

Prof. Dr. Samuel C. Mok

Department of Gynecologic Oncology and Reproductive Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX 77030, USA

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