Special Issue

Adaptive Radiotherapy for Head and Neck Cancer

Message from the Guest Editor

Adaptive radiotherapy has been introduced to correct the radiotherapy dose plan for changes in the target volume and organs at risk during treatment. Initially, focus was placed on physics-associated aspects of geometry and anatomy. Today, it is much more than that; it involves tailoring radiotherapy to changing biological tumor characteristics based on functional MRI and PET scanning as well as early response adaptations to concomitant systemic therapies. Much of the pioneering work in adaptive radiotherapy is done in head and neck cancer. The anatomy of the head and neck area is complex, with close proximity of the tumor and vulnerable organs and tissues essential to swallowing and speech. Important biological aspects of head and neck cancer include hypoxia, tumor cell repopulation, and responsiveness to chemotherapy and targeted therapies.

Guest Editor

Prof. Dr. Johannes H.A.M. Kaanders
Department of Radiation Oncology, Radboud University Medical Center, 6500 HB Nijmegen, The Netherlands

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

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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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