

New Strategies in Diagnosis and Treatments for Brain Tumors

Guest Editor:

**Prof. Dr. Sven Rainer
Kantelhardt**

Department of Neurosurgery,
University Medical Center,
Johannes-Gutenberg-University
Mainz, 55124 Mainz, Germany

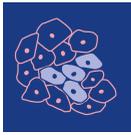
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Message from the Guest Editor

Brain tumors still rank among the most threatening diseases worldwide. The life expectancy of neuro-oncology patients has been rather stagnating in recent years. The field of scientific neuro-oncology is however developing rapidly. New treatment strategies, including non-invasive diagnostics using digital analysis-tools and artificial intelligence, enhanced surgical resection techniques and intraoperative imaging, as well as approaches focusing on tumor heterogeneity and molecular characteristics for the specific selection of radio- and chemo-therapies, are about to enter the clinical practice. These approaches carry the potential of turning the scales towards a more individual, personalized treatment and finally improve the prognosis of patients suffering from brain tumors. This Special Issue is dedicated to novel concepts and emerging technologies. It will provide an overview of the state of the art and current trends in diagnostics and therapeutic approaches of brain tumors.





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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

Message from the Editor-in-Chief

Cancers (ISSN 2072-6694) is an international, online journal addressing both clinical and basic science issues related to cancer research. The journal will continue its 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.

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Contact Us

Cancers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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