Special Issue

New Strategies in Diagnosis and Treatments for Brain Tumors

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.

Guest Editor

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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.

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