



Challenges and New Strategies in the Management of Pediatric Brain Tumors

Guest Editors:

Dr. Semi B. Harrabi

Heidelberg Ion Beam Therapy Center (HIT), Department of Radiation Oncology, University Hospital of Heidelberg, Im Neuenheimer Feld 400, 69120 Heidelberg, Germany

Prof. Dr. Adilia Hormigo

Department of Oncology, Albert Einstein College of Medicine, Montefiore Einstein Cancer Center, Bronx, NY 10461, USA

Deadline for manuscript submissions:

closed (30 June 2024)

Message from the Guest Editors

Dear Colleagues,

Pediatric brain tumors present a unique set of challenges in terms of diagnosis, treatment and long-term outcome. The broad range of different tumor types is complex and heterogenous with regard to genetic mutations and biological behavior, making it difficult to identify optimal treatment strategies that are both safe and effective across all subtypes. Advances in personalized medicine, such as targeted therapy, immunotherapy or high-precision ion beam therapy, have increased the therapeutic window in these patients. This Special Issue aims to highlight the recent advances in the interdisciplinary management of pediatric brain tumor patients to further improve the outcomes of pediatric brain tumor patients, whilst minimizing the risk for long-term side effects.

We welcome Reviews and Original Articles on any aspect related to this topic.

Dr. Semi B. Harrabi
Prof. Dr. Adilia Hormigo
Guest Editors





an Open Access Journal by MDPI

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 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.

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), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Oncology) / CiteScore - Q1 (Oncology)

Contact Us

Cancers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/cancers
cancers@mdpi.com
[X@Cancers_MDPI](https://twitter.com/Cancers_MDPI)