

Special Issue

Pediatric Brain Tumors: From Diagnosis to Treatment

Message from the Guest Editors

Brain tumors are the most common solid tumors in children. This special issue presents translational and clinical research articles and high-quality review papers focusing on the latest advances in the diagnosis and treatment of pediatric brain tumors. They are from the fields of neurosurgery, pediatric neuro-oncology, radiation oncology, neuroradiology, neuropathology, immunotherapy, and late effect study. We welcome articles describing innovative diagnostic methods (e.g. neuroimaging; liquid biopsy; molecular classification), novel therapeutic approaches, and the results of institutional or multi-center clinical trials of drug /radiation therapies. We also solicit advanced genomic and epigenomic analyses that contribute to subgrouping and identifying molecular targets. Neurosurgical advances including minimally invasive surgery and regional therapy using convection-enhanced drug delivery, radiation therapy, and thermo-ablation are reviewed for the care of children with pediatric brain tumors. We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Tadanori Tomita

Dr. Lissa C. Baird

Dr. Alicia C. Lenzen

Deadline for manuscript submissions

closed (30 April 2023)



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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

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