Special Issue

Intraoperative Visualization Techniques and Advanced Imaging in Brain Tumors

Message from the Guest Editors

It is well established today that the extent of resection correlates with increased survival in primary brain tumors and that the goal of surgery is maximal safe resection to allow for the most radical tumor removal while preserving the patient's neurological integrity. To achieve maximal safe resection, both preoperative planning with advanced imaging techniques, such as functional magnetic resonance imaging (both resting state and task-based) or fiber tracking, and new intraoperative visualization technologies, such as the use of fluorophores (associated or not with confocal microscopy), or intraoperative visualization techniques such as intra-op ultrasound, CT or MRI, are essential. For these reasons, we aim for this Special Issue to provide an update on the technologies available in primary brain tumor surgery.

Guest Editors

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Prof. Dr. Diego Garbossa

Deadline for manuscript submissions

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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

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