

Special Issue

Surgical Advances in the Treatment of Gliomas: Preserving Function and Quality of Life

Message from the Guest Editors

While the neuro-oncology community has witnessed significant developments in recent years, surgery remains at the forefront of glioma treatment. At the same time, obtaining as much tissue as possible has become essential in an era of improved diagnosis through next-generation sequencing and individualized treatment with targeted chemotherapy and immunotherapy. In this Special Issue, we intentionally consider the term “surgical advances” in a broader sense, aiming at a multidisciplinary audience and inviting all the different practitioners involved in the surgical treatment of neuro-oncology patients. In this spirit, we welcome contributions related to pre-surgical planning (e.g., concerning new techniques or novel applications of brain imaging and/or non-invasive brain mapping), intraoperative management of gliomas (e.g., neurophysiology monitoring, techniques of awake craniotomy and mapping, and intraoperative image guidance), and post-operative assessment (e.g., new techniques of rehabilitation and mechanisms of brain plasticity). This multidisciplinary approach is crucial to surgical development and quality of life in our patients.

Guest Editors

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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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