

Special Issue

Advances in the Diagnostics and Therapies of Glioma

Message from the Guest Editor

Gliomas are one of the most common types of primary nervous system tumors. Despite multidisciplinary approaches and technological advances, the treatment of gliomas remains a challenge. Significant progress has been made in the development of surgical approaches, innovative imaging techniques, molecular characterization, and adjuvant radiation therapy. Intraoperative neuromonitoring and neuronavigation as well as metabolic navigation could also help neurosurgeons during tumor removal. However, the extent of resection has a fundamental role in the management of gliomas because of the diffuse infiltration into the surrounding brain parenchyma. Moreover, demarcation between tumor and normal brain parenchyma is always challenging. Neurosurgery has experienced improvements in the management of most diseases in the last few years, but the management of glioma is still far from an acceptable prognosis. Therefore, an update of current surgical strategies together with tumor biology as well as multidisciplinary approaches could improve the overall survival of these patients. I invite authors to contribute original research or review articles, providing their knowledge in this field.

Guest Editor

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