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Comprehensive Research on Neuro-Oncology: From Brain Functional Anatomy to the Newest Treatments

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Deadline for manuscript submissions:

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Message from the Guest Editors

In recent years, a significant number of brand-new technologies and the updated and deeper understanding of brain physiology and functional anatomy were introduced in the everyday neurosurgical practice. As a matter of fact, to date, we strongly depend on technology and advanced techniques to resect intra-axial tumors. The role of awake surgery matched with intraoperative neurophysiological monitoring and intraoperative neuropsychological testing, to intraoperatively test cognitive and motor functions in order to map their localization on the cortical surface and preserve their integrity during glioma resection, as much as the role of neuronavigation systems and neuronavigated 3D tractography to visualize the eloquent white matter tracts are some examples.

In the present Special Issue, submissions are welcome on the role of new techniques and technologies improving the preoperative, intraoperative, and postoperative care of patients suffering from lesions involving the brain and spinal cord.



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Special Issue



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Message from the Editor-in-Chief

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