

Special Issue

Modern Image-Guided Surgical Strategies in Neurosurgical Oncology

Message from the Guest Editors

The scope of this Special Issue is to summarize the state of the art of modern preoperative, intraoperative, and postoperative neuroimaging techniques used in neuro-oncology to improve the surgical treatment and outcome of patients affected by brain tumors. The aim is to enhance knowledge of modern image-guided strategies in neurosurgical oncology, thus providing new insights into novel multidisciplinary image-guided approaches, ranging from strategies based on advanced preoperative functional imaging and planning, to modern approaches based on the intraoperative implementation of advanced neuroimaging-based technologies to improve the visualization of neoplastic tissue, the identification of eloquent neurovascular structures, and the assessment of the tumor extent of resection.

Guest Editors

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