

Special Issue

Future Perspectives and Challenges in Brain Tumor

Message from the Guest Editors

Despite growing knowledge of the molecular mechanisms underlying brain tumors' malignancy, rapid progression and relapses, most of them, especially glioblastoma and brain metastases, continue to exhibit unmet medical needs. New advances in molecular target therapy and immunotherapy, together with the identification of novel prognostic and predictive biomarkers associated with neuroradiological findings, have emerged, but novel paradigms and key targets are urgently needed. This scenario opens the door to new perspectives requiring a multidisciplinary omics approach for personalized medicine and the introduction of new keystones. An emerging field in oncology, as well as for many other human pathologies, is aerospace medicine. The peculiar space environment may serve as a novel central lever for deeper brain tumor investigations and therapeutic approaches, constituting a study platform not yet explored. This Special Issue will showcase novel frontiers in neuroncology. Original research articles, review articles, and short communications within (but not restricted to) the described research fields are welcome.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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