

Special Issue

Neuroscience of Brain Tumors

Message from the Guest Editors

Despite advancements in medicine, brain tumors continue to present unique challenges, as they affect not only the structural integrity of the brain but also disrupt its intricate network of neural functions. Neurosciences, at the crossroads of biology, medicine, and technology, offer new avenues to understand, diagnose, and treat these tumors with increasing precision and effectiveness. This issue explores the transformative role of neurosciences in the study and management of brain tumors (gliomas, meningiomas, and pituitary tumors). By integrating the latest research on tumor biology, neuroimaging, neurogenetics, and therapeutic technologies, we aim to offer a comprehensive perspective on the current state and future directions in this rapidly evolving field. This volume delves into the mechanisms by which brain tumors develop, how they impact neural pathways, and the advanced strategies being developed to detect and target them with minimal harm to surrounding healthy tissue.

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.

Editor-in-Chief

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