Special Issue

Management of Glioblastomas

Message from the Guest Editors

Glioblastoma (GBM) is the most common malignant tumor of the central nervous system in adults, and is characterized by rapid progression and poor prognosis. In addition to high mortality, glioblastoma is associated with high morbidity. Symptoms like seizures, headache, and cognitive decline may occur from the earliest stages of the disease, causing a rapid deterioration of independence in activities of daily living. Despite multimodal treatment efforts, the survival rate for patients with glioblastoma has not significantly improved over the last several decades. Current research is aimed at studying new molecular markers that could allow the early identification of GBM, as well as prompt therapeutic and prognostic definition. However, the field still lacks in-depth knowledge on pathological mechanisms underlying tumor growth and invasiveness. Moreover, the 2021 World Health Organization Classification of Central Nervous System tumors has defined new molecular entities, including IDH-mutant grade 4 astrocytoma and IDH-wild type molecularly defined glioblastoma, whose behavior and response to standardized GBM treatments remain to be defined.

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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.

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