

Special Issue

Drug Combination Therapy of Glioblastoma

Message from the Guest Editors

Glioblastoma is still the most devastating cancer of the central nervous system, and standard treatment options are mostly palliative. In the last decade, many monotherapeutic strategies have failed in clinical trials; therefore, there is an urgent need to develop novel treatment schemes. Combined therapy in glioma seems to be a promising solution, but for now, it remains a challenging endeavor rather than a real clinical treatment option. Glioblastoma is a complex disease presenting features such as inter-/intratumor heterogeneity, altered metabolism, high proliferation rate, hypoxic niches, drug resistance, immunosuppression, and self-renewal. The design of efficient polypharmacotherapy requires, on one hand, ensuring synergistic drug action on strategic targets in tumors, and on the other, facilitating drug transport across the blood–brain barrier, delivery to glioma cells, internalization and controlled release, and maintenance of a stable and controlled blood drug level. This Special Issue will highlight the role of combination therapy of glioblastoma, its preclinical aspects, limitations, potential advantages/disadvantages, and current status.

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Message from the Editor-in-Chief

Cancers (ISSN 2072-6694) is an international, online journal addressing both clinical and basic science issues related to cancer research. The journal will continue its 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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