

Special Issue

Nanoparticles for Glioblastoma Therapy

Message from the Guest Editors

Glioblastoma (GBM) remains a formidable challenge with limited therapeutic options and poor prognosis. Nanoparticle-based drug delivery systems offer a promising avenue to overcome obstacles in GBM treatment, including the blood-brain barrier (BBB) and tumor heterogeneity.

This Special Issue highlights the potential of nanoparticles for enhancing GBM therapy. We encourage submissions presenting preclinical studies that demonstrate the ability of nanoparticles to enhance GBM treatment efficacy by increasing drug concentration at the tumor site, reducing systemic toxicity, and overcoming drug resistance mechanisms. Submissions focusing on functionalized nanoparticles with specific ligands or antibodies for active GBM cell targeting are also highly encouraged. This Special Issue aims to gather cutting-edge research that will advance the translation of these promising findings into clinical applications and ultimately improve the survival and quality of life of individuals with GBM.

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