

Special Issue

Targeted Drug Delivery in Brain Tumor Microenvironments

Message from the Guest Editors

Consideration of the brain tumour microenvironment is gaining momentum in the neuro-oncology field. The microenvironment is a complex ecosystem consisting of many cell types, such as astrocytes, neurons, microglia and immune cells, which we understand play a role in tumour development and progression. Many drug delivery techniques are in development for brain tumours due to their poor prognosis and their barriers to treatment, such as the blood brain barrier, off-target toxicity and tumour heterogeneity. These drug delivery systems are now becoming more targeted against both brain tumour cells and the local microenvironment. This Special Issue will address new developments in the area of targeted drug delivery for brain tumours. We invite articles on all classifications of brain tumours, looking at both the systemic and local delivery of therapeutics that target the tumour and/or its microenvironment. Original research papers and review articles are welcome.

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