



Invasion and Metastasis in Brain Cancer

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Message from the Guest Editors

Dear Colleagues,

Brain metastases are the pathological outcome of uncontrolled tumor growth. Brain metastasis is defined as originating in brain tissue itself or originating in peripheral organs, including breast, lung, colon, and others. Patients with brain metastasis may have congenital dysfunction and various neuropathological symptoms, resulting in poor quality of life and shorter life expectancy. Metastatic brain cascade is complex and requires crosstalk between many processes, including regulation of the brain microenvironment, blood–brain barrier (BBB), high-energy consumption, nutrition demands, and regulation of the cytoskeletal system. These distinctive characteristics of tumors contribute to their unique physiological status and make them difficult to manage and treat. Research in this field is crucial in determining the factors that control development and behavior of brain metastasis and tissue invasion. Our mutual goal as molecular oncologists is to find new and more effective treatment to improve the life of those affected by this disease. This Special Issue on metastasis and invasion of the brain by cancer will explore new molecular findings on this topic.





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Message from the Editor-in-Chief

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