

Special Issue

Brain Metastasis 2025

Message from the Guest Editor

We are launching this Special Issue on brain metastasis, called “Brain Metastasis 2024”, which focuses on the stage of cancer resulting from a multi-level cell colonization of the brain and cancer cell spreading in the brain microenvironment. Brain metastasis is a devastating occurrence in many cancer types, notably in lung, melanoma, and breast cancer. Newly developed approaches stemming from using immunotherapy have been recently applied to patients with symptomatic brain metastasis; however, the effectiveness of an immune checkpoint blockade is limited. Improved understandings of the biology of brain metastasis and mechanistic underpinnings underlying brain metastasis development and progression are therefore urgently needed since they remain largely unknown. This Special Issue aims to provide new scientific and clinical outlooks on this important topic. This Special Issue will assess, report, and discuss new discoveries in the biology, pathology, translational research, prevention, and treatment of brain metastasis. We welcome contributions in these and closely related areas to be submitted to “Brain Metastasis 2024”.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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