

## Special Issue

# Recurrent Stroke with Progressive Brain Metastasis and Immune Response

### Message from the Guest Editors

The primary tumor, the immune system, and the microenvironment of the central nervous system interact to cause brain metastasis from a peripheral tumor. Chemotherapies that would otherwise be successful in treating systemic cancer become ineffective when brain metastases are established as they invade behind the blood–brain barrier. Stroke is also considered to be a major event for the initiation of the progressive inflammatory response. Recurrent brain strokes create an inflammatory brain environment due to the activation of various immune responses, and various ILs and CXCLs that alter brain homeostasis. Immune response plays a vital role and can cause a deadly outcome for such a pathology. A lot of attention from basic to clinical translation research are required. This Special Issue is majorly focused on such preclinical and clinical studies that will lead to the translational scope in brain metastasis through the form of reviews, original research, and critical case reports.

### Guest Editors

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### Deadline for manuscript submissions

closed (25 August 2023)



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You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

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