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 a 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

Dr. Luis Rafael Moscote-Salazar

Colombian Clinical Research Group in Neurocritical Care, Bogota, Colombia

Dr. Vishal K. Chavda

Department of Medicine, Multispeciality, Trauma and ICCU Center, Sardar Hospital, Ahmedabad, Gujarat, India

Deadline for manuscript submissions

closed (25 August 2023)

Brain Sciences

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed

mdpi.com/si/159856

Brain Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
brainsci@mdpi.com

mdpi.com/journal/brainsci

Brain Sciences

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.6
Indexed in PubMed

mdpi.com/journal/brainsci

MDPI

About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. Stephen D. Meriney
Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA 15260, USA

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYNDEX, PsycInfo, CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.2 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).

Recognition of Reviewers:

reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.