



The Relationship between the Neuroimmune System and Peripheral Responses

Guest Editor:

Dr. Kedra Wallace

1. School of Population Health, University of Mississippi Medical Center, Jackson, MS 39216, USA
2. SOM-Obstetrics & Gynecology Department, University of Mississippi Medical Center, Jackson, MS 39216, USA
3. Department of Pharmacology & Toxicology, University of Mississippi Medical Center, Jackson, MS 39216, USA

Deadline for manuscript submissions:
closed (31 August 2018)

Message from the Guest Editor

Activation of the innate immune system in the brain can lead to changes in neuronal homeostasis, structural changes within the brain, and behavioural changes. How the innate immune system is regulated differs between pathological conditions and can be influenced by pharmaceutical and behavioural therapy. Furthermore, of the many long-term effects of innate immune system activation in temporary conditions, such as pregnancy, surgery, or situations of acute stress, drug addictions have not been fully elucidated.

While it is clear that there is a relationship between the brain and the immune system, the role that the immune system plays in a variety of pathological states is still unclear. Therefore, we are seeking manuscripts or review articles to help elucidate these and other relationships.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience,
University of Pittsburgh,
Pittsburgh, PA 15260, USA

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, PSYINDEX, CAPlus / SciFinder, and other databases.

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2023).

Contact Us

Brain Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/brainsci
brainsci@mdpi.com
[X@BrainSci_MDPI](https://twitter.com/BrainSci_MDPI)