

## Special Issue

# Barrier Dynamics and Immune Interplay in Brain Aging and Injury

### Message from the Guest Editors

We are pleased to announce the launch of a Special Issue that focuses on the latest advances in research concerning barrier dynamics and immune interplay in brain aging and neurovascular disorders. Aging is the most significant risk factor for numerous neurodegenerative disorders and neurovascular diseases. A hallmark of aging is the development of systemic maladaptive immune responses, both in the periphery and central nervous system (CNS). As the primary interface connecting the periphery and the CNS, the integrity of the blood–brain barrier (BBB) plays a pivotal role in CNS function. Accumulating evidence suggests that systemic immune response and barrier integrity affect brain function. In this Special Issue, we aim to provide the most recent updates on research focused on ameliorating brain dysfunction by targeting barrier dynamics and immune interplay between the periphery and the CNS, in the context of aging, neurodegenerative disorders and neurovascular diseases. We welcome both original and review articles.

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### Guest Editors

Dr. Hansen Chen

Dr. Congcong Wang

Dr. Xin Wang

Dr. Zongshi Qin

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### Deadline for manuscript submissions

closed (24 February 2025)



## Pharmaceuticals

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## About the Journal

### Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

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We hope to handle your contribution to *Pharmaceuticals* soon.

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### Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

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