



Barrier Dynamics and Immune Interplay in Brain Aging and Injury

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Deadline for manuscript
submissions:

30 November 2024

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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