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CNS Barriers: Identifying Knowledge Gaps and Addressing Pending Questions

Guest Editor:

Dr. Bashayer Al Mubarak

Center for Genomic Medicine
(CGM), King Faisal Specialist
Hospital and Research Center,
P.O. Box 3354, Riyadh 11211,
Saudi Arabia

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Message from the Guest Editor

Dear Colleagues,

Insulation of the nervous system from other body compartments is a standing prerequisite for proper neuronal function that has been conserved throughout evolution. The interface that separates the nervous system from the circulatory system is known as the blood-brain barrier (BBB) and hemolymph-brain barrier in vertebrates and invertebrates, respectively. While these barriers are functionally conserved, their anatomy varies across taxa.

In this issue, we will curate the latest findings and views with the aim to improve our understanding of the biogenesis and function of CNS barriers. Manuscripts answering open questions, addressing knowledge gaps or summarizing current research related to all types of CNS barriers in vertebrates as well as invertebrates are welcome.



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Special Issue



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

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