

## Special Issue

# CNS Barriers: Identifying Knowledge Gaps and Addressing Pending Questions

### Message from the Guest Editor

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.

### Guest Editor

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### Deadline for manuscript submissions

closed (1 July 2023)



## Cells

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*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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