

## Special Issue

# Cellular and Molecular Mechanisms of Blood–Brain Barrier Dysfunction 2.0

### Message from the Guest Editor

The blood–brain barrier comprises a highly specialised complex of cells within the neurovascular unit, and is responsible for tightly regulating homeostasis within the central nervous system, which is critical to maintain neuronal function. This Special Issue of IJMS provides a comprehensive synopsis of current blood–brain barrier research from cellular to molecular mechanisms, the relationship between blood–brain barrier dysfunction and the neuroinflammatory response, and animal/cell models to study the molecular mechanisms underlying the pathophysiology of blood–brain barrier disruption.

You are warmly invited to submit original research and review articles related to any of these aspects.

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### Guest Editor

Dr. Julie E. Simpson

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### Deadline for manuscript submissions

closed (31 October 2022)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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