

Special Issue

Blood-Brain Barrier and Blood-Retinal Barrier Diseases: Molecular Mechanisms, Patterns, and New Concepts

Message from the Guest Editors

We aim to gather contributions from basic researchers and clinical scientists aimed at indicating, in both in vivo and in vitro model systems, the following:

- New biochemical and physiological mechanisms and innovative target molecules or biomarkers related to microvessel pathology;
- New signal pathways involved in the breakdown of BBB and BRB;
- The promotion of translational and integrated approaches aimed at the prevention and treatment of cerebral and retinal microvessel pathologies;
- Novel and safe nanoparticle systems and new natural compounds suitable for the management of microvascular-unit-related diseases;
- Innovative cellular therapies.

The Special Issue is also aimed at collecting reviews on the state-of-art of research on this topic to date.

Guest Editors

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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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