

## Special Issue

# The Endothelial Glycocalyx: Physiological, Pathological and Therapeutic “Holy Grail”

### Message from the Guest Editor

The overall control of disordered microvascular function may reside primarily in the functional integrity of the endothelial glycocalyx, a carbohydrate-rich layer that lies between the endothelium and the vascular lumen, modulating microvascular permeability, rheology, platelet activation and, finally, autacoidal function (and, therefore, fluctuations in microvascular tone). This Special Issue represents an opportunity to update readers on all aspects of this seminal area of progress. To achieve this objective, we seek articles addressing the entire spectrum of this new view of vascular (patho)physiology and its therapeutic implications.

### Guest Editor

Prof. Dr. John D. Horowitz

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### Deadline for manuscript submissions

closed (31 December 2024)



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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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### Editor-in-Chief

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