

Special Issue

Regulation of the Endothelial Cell Barrier

Message from the Guest Editors

For this Special Issue, we would like to attract contributions on the identification of mechanisms that link endothelial dysfunction to various health issues, such as environmental stress and aging to cardiovascular disease and stroke, thereby supporting the development of novel preventive and therapeutic approaches, including virtual drug screening and mathematical modeling approaches. In this Special Issue, we invite contributions that address the role of endothelial dysfunction in the development of cardiovascular and cerebrovascular diseases via extrinsic factors (environmental determinants, lifestyle, etc.) in combination with intrinsic risk factors (age-related changes), as well as contributions based on bioinformatics approaches to develop new avenues for prevention, diagnosis, and therapy.

Guest Editors

Prof. Dr. Carola Yvette Förster

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Prof. Dr. Sergey Shityakov

Deadline for manuscript submissions

closed (25 February 2024)



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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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