Special Issue

Perspectives of Sphingolipids

Message from the Guest Editor

There are thousands of individual molecular sphingolipid species with heterogeneous cellular and subcellular localization, and a large variety of enzymes involved in their metabolism allow for a wide field of research and for possible applications. The aim of this Special Issue is, on the one hand, to provide an overview of the potential for sphingolipids as biomarkers for the diagnosis, subtyping or classification, monitoring of therapy, or prognosis of various disorders. The identification of altered sphingolipid compositions and the enzymes involved in their pathways could also lead to the development of novel preventive and therapeutic approaches. However, the capacity of sphingolipids is not restricted to pathophysiology; these biomolecules could also serve other functions, including as probes or markers for physiological processes from bacteria to plants or biotechnology, or as distinct interacting partners. On the other hand, original articles are invited to contribute to these challenging areas, and to highlight discoveries on prospective applications of specific sphingolipid species. I am looking forward to your contributions to advancing this fascinating field.

Guest Editor

Dr. Christiane Mühle

Molecular Neurobiology, Department of Psychiatry and Psychotherapy, Friedrich-Alexander University Erlangen-Nürnberg (FAU), 91054 Erlangen, Germany

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Biomolecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomolecules@mdpi.com

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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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Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

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