

Special Issue

Brain Sterols: Biosynthesis and Physiology in Health and Disease

Message from the Guest Editors

The brain fully relies on its intrinsic sterol biosynthesis. Cholesterol in the nervous system is a critical structural component of cellular membranes and lipid rafts, required for synapse and dendrite formation and axonal guidance, and it serves as a precursor for various biosynthetic pathways. In this Special Issue, we explore brain sterol biosynthesis, turnover, function, distribution, and pathophysiological changes associated with inborn errors of sterol metabolism, development, aging, and neuropsychiatric disorders. We also explore medication effects on brain sterol biosynthesis through the lifespan. We welcome your reviews and original data articles on this very important research topic.

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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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