

Special Issue

Lipidomics and Neurodegenerative Diseases

Message from the Guest Editors

Lipidomics is a targeted approach focusing on the comprehensive analysis of all lipids in biological systems. The development of soft ionization techniques, such as electrospray (ESI) and matrix-assisted laser desorption ionization (MALDI) mass spectrometry (MS), has greatly enhanced the development and application of lipidomics. Facing lipidomic analysis by MS offers both the understanding of the definite functions of lipid species in health and disease and allows the identification of potential biomarkers for establishing protective and/or therapeutic programs for human disease. This Special Issue focuses on the recent advancements in lipidomic technologies including sample preparation, direct-infusion ESI-MS and ESI-MS/MS, LC coupled with ESI-MS or MS/MS, MALDI and advanced molecular imaging techniques for their selected applications in neurodegenerative diseases.

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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