

Special Issue

New Insights of Fungal and Plant Lipids: Structural Diversity, Metabolism and Applications

Message from the Guest Editor

The objective of this Special Issue is to bring together relevant international researchers from the field of fungal and plant lipids. We welcome submissions of original research articles and reviews addressing the recent advancements of the diverse applications of lipidomics and classical labelling techniques to obtain new insights into lipid metabolism. Topics welcomed for this Special Issue include the structural diversity of lipids (glycerolipids, sphingolipids, sterols, waxes, oxylipins, etc.), lipid metabolism (label-free lipidomics, stable isotope labelling, and visualization-based approaches, such as mass spectrometry imaging), lipids in development and stress responses, and fungal and plant lipids in human health. This Special Issue is supervised by Dr. Ekaterina R. Kotlova and assisted by our Topical Advisory Panel Member Dr. Svetlana V. Senik (Laboratory of Fungal Biochemistry, Komarov Botanical Institute, Russian Academy of Sciences). We also wish to dedicate this issue to the memory of Dr. Natalia F. Sinyutina, a pioneer in the study of plant lipid metabolism pathways in the 1980s and 1990s, who passed away on January 4, 2023.

Guest Editor

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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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