

Special Issue

Lipid Signalling and Metabolism in Inflammation-Associated Pathologies

Message from the Guest Editor

Lipids are essential parts of cellular structures including plasma membranes and all intracellular organelles such as the ER, the Golgi apparatus, lysosomes, mitochondria, etc. In addition, they play key roles in many intra- and extracellular signalling events which take place in homeostasis and under most pathological conditions. Especially, their crucial roles in diseases with an inflammatory component (e.g., cancer, autoimmune diseases, neuropathies or atherosclerosis) have raised increasing interest in lipid-generating enzymes and lipid receptors as potential drug targets. This is reflected by the fact that some of the drugs that are most used globally target lipid synthesis or lipid receptors. In this Special Issue of *Cells*, we invite your contributions, either in the form of original research articles or reviews, on all aspects related to lipid synthesis and signalling as well as their functions in inflammation-associated pathologies in human diseases or their animal models. For further reading, please visit the [Special Issue](#) website.

Guest Editor

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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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