

## Special Issue

# Regulation of Lipid Metabolism in Health and Disease

### Message from the Guest Editors

Lipids are essential for whole body function as they provide energy, contribute to cellular structure, and regulate essential metabolic pathways and physiological processes by acting as powerful signals for intracellular and inter-organ communication. The regulation of lipid metabolism involves multiple intricate pathways, which are strictly regulated in healthy individuals.

Accumulating evidence demonstrates that lipid metabolism is dysregulated in a variety of human pathologies and clinical conditions, including obesity, diabetes, fatty liver, atherosclerosis, cancer, and neurodegenerative disease. This Special Issue of *Cells*, entitled "Regulation of Lipid Metabolism in Health and Disease", aims to present a collection of articles related to all aspects of lipid metabolism in health and disease, including, but not limited to, obesity, diabetes, cancer, and neurodegenerative disease. Manuscripts dealing with other relevant issues will also be considered. Both original research (preclinical and clinical) and review articles are welcome.

### Guest Editors

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### Deadline for manuscript submissions

closed (28 February 2021)



## Cells

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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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### Editors-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).