

Special Issue

Molecular Mechanisms in Metabolic Disease

Message from the Guest Editors

“Metabolic disease” refers to a collection of disorders that are related to pathophysiological defects in using and/or converting energy. This not only includes diseases associated with metabolic syndrome but also diseases that are inherited and associated with defects in glucose–insulin metabolism. Although there is a significant body of literature around assessing the biochemical and clinical parameters that are associated with the progression to metabolic disease, in recent years, a body of molecular biomarkers have been unveiled that are not only indicators but also mediators of the pathophysiological processes leading to disease. This Special Issue aims to attract original reports, reviews, meta-analyses/systematic reviews, and short reports on understanding the potential molecular mechanisms underlying metabolic disease. We look forward to submissions that not only demonstrate new molecular mechanisms but also validate the existing research in addition to investigations into biomarkers of processes that lead to metabolic disease.

Guest Editors

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Deadline for manuscript submissions

closed (15 December 2020)



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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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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).