Special Issue

iPS Cells for Disease Modeling

Message from the Guest Editors

Dear Colleauges, There is a growing appreciation that the use of human cells in vitro is important for preclinical drug testing and identifying disease mechanisms that can lead to the development of novel therapeutic strategies. The use of induced pluripotent stem cells (iPSCs) for disease modelling and drug discovery has thus exploded over the last decade and almost every disease can be modelled in vitro. Central to the utility of iPSCs is the development of protocols that yield functional disease-relevant cell types that recapitulate disease phenotypes. The aim of this Special Issue is to provide protocols and assays that are used in iPSC disease modelling and to highlight the strengths and weaknesses of the approaches currently available. The articles will be a valuable resource for the disease modelling scientific community.

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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 15.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).