Special Issue

Human iPS Cell and Organoid Technologies in Diseases, Drug Development, Toxicity, and Tissue Damage

Message from the Guest Editors

The discovery that differentiated pluripotent stem cells exhibit the ability to give rise to complex tissue-like structures, commonly called organoids, has drastically changed the field of in vitro-based cell and disease modeling. An outstanding position in the latest developments has been awarded to organ-on-chip technologies, which can closely and physiologically recreate the function of human tissues. These in vitro systems allow for research developments and provide a platform for drug development and toxicity screening or tissue damage. For this Special Issue, we invite authors to submit full studies and reviews in the field of human iPS and organoid technologies.

Guest Editors

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Deadline for manuscript submissions

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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).