Topical Collection

Interdisciplinary Approaches to Studying Human Liver Biology and Promoting Organ Regeneration: Understanding the Curse of Prometheus

Message from the Collection Editors

A renewable cell-based resource, which could be precisely genetically modified and manufactured at scale to treat disease, is of significant interest to the clinic. This would offer the prospect of routine and personalised treatments to treat human liver disease. While significant progress has been made from many perspectives, there remains a need to improve cell-based system manufacture for both basic and complex organ modelling, and the development of pioneering treatments for liver disease. Essential to those endeavours are interdisciplinary scientific investigation and collaboration. The combination of biology with engineering, chemistry, physics, informatics and mathematics are key to the development of reliable products which can be produced at scale, the generation of new intellectual property and successful commercialisation of prototypes. With this in mind we have prepared this Topical Collection of *Cells* and request your expert opinion and contribution. Please let us know if you would like any clarification or more information regarding the editorial and review processes.

Collection Editors

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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.

Editors-in-Chief

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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).