Special Issue

The Molecular Mechanisms of Bile Acids in Diseases

Message from the Guest Editors

Bile acids are important in physiology and pathology. The research over the last few decades has positioned bile acids into the central stage in maintaining novel liver and gut physiology and the development of chronic liver diseases. The unique regulatory pathways and endocrine axis involved in bile acid homeostasis present interesting investigatory opportunities at molecular and pharmacological levels. In this Special Issue of *Cells*, we invite you to contribute, either in the form of original research articles, reviews, or shorter perspective articles on all aspects related to the theme of "The Molecular Mechanisms of Bile Acids in Diseases". Expert articles describing mechanistic, functional, cellular, biochemical, or general aspects of bile acids are highly welcome. Relevant topics include, but are not limited to

- Bile acid metabolism
- Lipid metabolism
- Energy metabolism
- In vitro and in vivo models
- Cholestatic liver injury
- Hepatic fibrosis
- Inflammation
- Fibrosis
- NASH/NAFLD
- Alcoholic liver disease
- Microbiota
- Drug development

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Deadline for manuscript submissions

closed (30 April 2024)

Cells

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed

mdpi.com/si/133939

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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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Journal Rank:

JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Rapid Publication:

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).