

Topical Collection

The Role of NLRP3 in Health and Disease

Message from the Collection Editor

In this Special Issue of the journal *Cells*, I would like to invite you to contribute original research articles, reviews or shorter perspective articles on all aspects related to the theme of “The Role of NLRP3 in Health and Disease”. Expert articles describing mechanistic, functional, cellular, biochemical or general aspects of NLRP3 activation and signaling are highly welcome.

Keywords

- Inflammation
- Innate immunity
- Inflammasomes
- NLRP3-mediated signaling pathways and diseases
- Liver diseases
- Cardiovascular diseases
- Gut-liver axis
- Cancer
- Therapeutic targets

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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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High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, CAPus / SciFinder, and other databases.

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).