

Special Issue

Cellular and Molecular Mechanisms of Inflammatory Bowel Disease

Message from the Guest Editor

It is my pleasure to invite submissions for the *Cells*' Special Issue dedicated to inflammatory bowel disease (IBD). IBD is a family of immune-mediated disorders showing an increasing prevalence worldwide. The pathogenesis of IBD is multifactorial and includes genetic factors, as well as a dysfunctional communication between the intestinal microbiota and the immune system, leading to a loss of immunotolerance and to the recruitment of inflammatory cells in to the intestinal mucosa. Both a dysregulated innate and adaptive immunity take part in the pathogenesis of intestinal damage, and multiple cytokines, chemokines, adhesion molecules, and receptors have been shown to take part in the pathogenesis of IBD. Accordingly, multiple therapeutic approaches have been developed. Nevertheless, therapy for IBD remains suboptimal. The present call is designed to accommodate every aspect of IBD from animal models, cellular and molecular mechanisms, intestinal microbiota, basic immunology, biochemistry and signaling mechanisms including original papers and reviews.

Guest Editor

Dr. Stefano Fiorucci

Department of Surgical and Biomedical Sciences, Section of Gastroenterology, University of Perugia, 06123 Perugia, PG, Italy

Deadline for manuscript submissions

closed (10 December 2021)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 9.9
Indexed in PubMed



mdpi.com/si/71157

Cells
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

[mdpi.com/journal/
cells](https://mdpi.com/journal/cells)





Cells

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 9.9
Indexed in PubMed



[mdpi.com/journal/
cells](https://mdpi.com/journal/cells)



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

Prof. Dr. Alexander E. Kalyuzhny

Neuroscience, UMN Twin Cities, 6-145 Jackson Hall, 321 Church St SE,
Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation Centre, The University of Copenhagen,
Copenhagen, Denmark

Author Benefits

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 17.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).