



*cells*



an Open Access Journal by MDPI

## Autophagy and Inflammation in Chronic Disease

Guest Editors:

**Dr. Leopold Eckhart**

Skin Biology Laboratory,  
Department of Dermatology,  
Medical University of Vienna,  
Vienna, Austria

**Dr. Supawadee Sukseree**

Center for Anatomy and Cell  
Biology, Division of Cell and  
Developmental Biology, Medical  
University of Vienna, Vienna,  
Austria

Deadline for manuscript  
submissions:

**closed (15 March 2023)**

### Message from the Guest Editors

Dear Colleagues,

Autophagy is a degradative process that controls metabolism, stress resistance and specific functions of mammalian cells. In immune defense, autophagy participates in the breakdown of pathogens, control of intracellular and intercellular inflammatory signaling, and antigen presentation.

The aim of this Special Issue is to publish new insights into roles of autophagy in chronic inflammatory diseases. The emphasis of the articles will be on cellular metabolism, intra- and intercellular signaling, cell growth, differentiation and senescence. Studies utilizing well defined mouse models of diseases, cells isolated from clinical samples, and combinations thereof are of particular interest. Manuscripts focusing on cellular processes in organ-specific or systemic inflammatory diseases are welcome. In particular, we invite reports on molecular mechanisms by which autophagy affects inflammation and on molecular effects of inflammation on autophagy in non-immune cells.

Both original research articles and reviews are welcome in this Special Issue.

We look forward to receiving your contributions.

Dr. Supawadee Sukseree

Dr. Leopold Eckhart

*Guest Editors*



[mdpi.com/si/100685](https://mdpi.com/si/100685)

**Special** Issue



*cells*



an Open Access Journal by MDPI

## 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

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [CAPlus / SciFinder](#), and [other databases](#).

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

## Contact Us

---

*Cells* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/cells](http://mdpi.com/journal/cells)  
[cells@mdpi.com](mailto:cells@mdpi.com)  
[X@Cells\\_MDPI](#)