

## Special Issue

# Cellular Characteristics of Protein Autophagy and Mitophagy in the Tumor Microenvironment

### Message from the Guest Editor

Autophagy and mitophagy are important cellular processes responsible for breaking down cellular contents and preserving energy against the accumulation of damaged biomolecules. The stimuli for autophagy and mitophagy, such as chemotherapy agents, nonbiological stresses, extracellular physiological stress signals (cytokines), growth factors/hormones and DNA damage, determine the degree to which they are induced. Therefore, exploring the mechanism between autophagy signaling and mitophagy in tumor cells is critical to therapeutic development. In this Special Issue, we encourage submissions on the functional role and molecular mechanisms underlying autophagy and mitophagy in the tumor microenvironment. We also welcome studies researching the cell model and in vivo targeting of autophagy/mitophagy in animal for the treatment of various tumor cells. Original research and review articles are highly encouraged.

### Guest Editor

Dr. Yi-Hsien Hsieh

Institute of Medicine, Chung Shan Medical University, Taichung, Taiwan

### Deadline for manuscript submissions

closed (1 April 2023)



## Cells

an Open Access Journal  
by MDPI

Impact Factor 5.2  
CiteScore 10.5  
Indexed in PubMed



[mdpi.com/si/143924](https://mdpi.com/si/143924)

*Cells*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[cells@mdpi.com](mailto:cells@mdpi.com)

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





# Cells

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.2  
CiteScore 10.5  
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

Dr. Alexander E. Kalyuzhny

Dental Basic Sciences, University of Minnesota, 308 Harvard 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 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).