



cells



an Open Access Journal by MDPI

## Autophagy in Tissue Injury and Homeostasis

Guest Editor:

### Dr. Pei-Hui Lin

Department of Internal Medicine,  
Wexner Medical Center, The Ohio  
State University, Columbus, OH  
43210, USA

Deadline for manuscript  
submissions:

**closed (31 December 2018)**

### Message from the Guest Editor

Dear Colleagues,

Autophagy (“auto-digestion”), a lysosome-dependent process, degrades and turnovers damaged or senescent organelles and proteins. Autophagy is a highly-regulated process, which impacts several vital cellular responses, including inflammation, cell death, energy metabolism and organelles (mitochondria and others) homeostasis. Although the role of autophagy in the maintenance of tissue homeostasis is well documented, its role during tissue injury and regeneration is still emerging. In this Special Issue on “Autophagy in Tissue Injury and Homeostasis”, we focus on the roles of autophagy in systemic, specific tissue (organs and cells) injury or organ failure associated with sepsis, inflammation, metabolic disorder, toxic chemicals, ischemic-reperfusion hypoxic oxidative stress, tissue fibrosis, trauma, and nutrient starvation. The knowledge gained from the identification and characterization of new molecular mechanisms will shed lights on biomedical applications for tissue protection through modulation of autophagy.

Dr. Pei-Hui Lin  
*Guest Editor*



[mdpi.com/si/15127](https://mdpi.com/si/15127)

Special Issue



*cells*



an Open Access Journal by MDPI

## 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

## 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](#), [CAPus / 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](#)