

Special Issue

Autophagosome–Lysosome Fusion

Message from the Guest Editor

This research topic focuses on the current understanding of molecular mechanisms of ALP and outlines autophagy-specific lysosomal research in the pathogenesis of diseases. Publications related to new biomarkers and novel therapies highlighting ALP as a therapeutic target are welcome. We encourage authors to submit original research articles, clinical cases, and reviews that will increase our understanding of the cellular mechanisms underlying the role of lysosomes in autophagy in general and diseases. We also encourage undergraduate and graduate students and postdoctoral trainees to write reviews.

- Omics approaches to study autophagy and lysosomes;
- Imaging approaches to study the dynamic of autophagy and lysosomes;
- Lysosomal enzymes; Autophagy and proteostasis;
- Chemical modulators of autophagy and lysosomes as a novel therapeutic target;
- Physiology and mechanisms of autophagosome formation;
- Autophagy and aging, cancer, and neurodegenerative diseases;
- Lysosomal storage diseases; Autophagy and model organisms;
- Selective autophagy (mitophagy, endosomal microautophagy);
- Autophagy or lysosomal biomarkers as a diagnostic tool.

Guest Editor

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Deadline for manuscript submissions

closed (15 September 2023)



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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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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).