Special Issue

Molecular Targets for Autophagy in Cancer Treatment

Message from the Guest Editors

Autophagy is an evolutionally conserved, lysosomal-dependent process that maintains cellular homeostasis by recycling damaged cellular components. This fundamental process helps cells meet metabolic needs under stressful conditions, such as nutrient deprivation and hypoxia. Autophagy plays a paradoxical role in cancer cells, where it may promote or suppress tumorigenesis depending on the cell type or tumorigenesis stage. Hence, understanding the fundamental role of autophagy in cancer cells is critical to therapeutic development. This Special Issue invites original research or review articles focused on identifying autophagy modulators (inhibitors or inducers), their molecular mode of action, and their potential application in cancer therapy.
Dr. Uttara Saran

Guest Editors

Dr. Yong Li
Baylor College of Medicine, Houston, TX, USA
Dr. Ashish Tyagi
College of Pharmacy, Texas A&M University, College Station, TX 77843, USA

Deadline for manuscript submissions

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

mdpi.com/journal/cells

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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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).