

Special Issue

Advanced Communications in Cardiovascular Disease: Small Vesicles and Cell Identity Theft

Message from the Guest Editors

Mitophagy is an autophagic response that targets damaged mitochondria. As the mitochondria are essential to cardiovascular homeostasis in health and disease, maintaining a healthy mitochondrial balance is required and rebalancing the quality and quantity of dysfunctional mitochondria is involved in various therapeutic strategies. In addition, autophagy and mitophagy also play a pivotal role in diabetic cardiovascular diseases, including diabetic cardiomyopathy. In order to update the new insights on and the intimate connection between autophagy and mitophagy in cardiovascular disorders, we will introduce the genetic and epigenetic role of regulatory factors and maneuvers that alter autophagy and mitophagy flux in various types of cardiomyopathy and cardiovascular diseases. This Special Issue welcomes manuscripts from original investigations and comprehensive reviews demonstrating new and advanced research viewpoints on the mechanisms of regulating autophagy and mitophagy flux in cardiovascular disease with or without diabetes.

Guest Editors

Dr. Yajing Wang

Emergency Medicine Department, Thomas Jefferson University,
College Building 300, State College, PA 19107, USA

Prof. Dr. William Chilian

Department of Integrative Medical Sciences, Northeast Ohio Medical
University, Rootstown, OH, USA

Deadline for manuscript submissions

closed (25 October 2022)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



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

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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.

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

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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).