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

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Cells
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 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).