

Special Issue

Recent Advances of Apoptosis and Autophagy in Cardiovascular Diseases and Cancer

Message from the Guest Editors

Apoptosis and autophagy are hallmarks of human disease affecting virtually all major tissue types. Cardiovascular diseases and cancer remain the top two most devastating human disorders in terms of mortality and morbidity, and they are driven by complex mechanisms that may involve similar molecular pathways. This Special Issue will focus on the mechanism of autophagy and apoptosis crosstalk in cardiovascular diseases, in cancer and cancer treatment, and at the intersection of cancer-treatment-induced cardiovascular dysfunction. The aim of this Special Issue is to provide state-of-the-art understandings of autophagy and apoptosis at the molecular, cellular, tissue, and organismal levels that underlie cardiovascular disease, cancer, and cancer-treatment-induced cardiotoxicity with the potential to improve human health.

Guest Editors

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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 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).