

Special Issue

Focus on Machinery of Cell Death

Message from the Guest Editors

This Special Issue of *Cells* will be devoted to exploring the ever-evolving field of the different molecular mechanisms of cell death during development, diseases, and infection. The focus will be on the cross-talk between different types of cell death induction, including apoptosis, autophagy-associated cell death, necrosis, stem cell biology, metabolism, ageing, neurodegeneration, cancer, and infection-associated diseases, to name a few. Papers on the different types of death during mammalian cell demise following the recommendations of the Nomenclature Committee on Cell Death (2018) are encouraged. This Special Issue will also cover how the cell death process undergoes developmental transformation and how this makes us more vulnerable with time. We hope that this Special Issue will provide a very interesting platform to learn new developments from bench to bedside therapies by enhancing our knowledge around cell death mechanism pathways. Both original research articles and reviews are welcome.

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).