Special Issue

Factsheets of Cell Death

Message from the Guest Editor

Cell death mechanisms and their corruption are central to development, tissue homeostasis, oncogenesis, and anti-cancer therapy. The principle mechanisms underlying the regulation of cell death have reached textbook status; death receptor signaling, mitochondrial apoptosis, caspase activation, apoptosis inhibitors, and BCL-2 protein family function have been studied in great detail. Nevertheless, new molecular clues and peculiarities are constantly being uncovered that offer sophisticated opportunities for therapeutic intervention in tumors. Perfect examples are specific small molecule inhibitors that block the activity of anti-apoptotic proteins. This special issue´s aim is to sum up the current state of knowledge on cell death regulation and spice it up with exemplary data or latest findings.

Guest Editor

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Deadline for manuscript submissions

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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 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).