

Special Issue

Cell Signaling in Neurodegeneration Disease

Message from the Guest Editors

This Special Issue, titled “*Cell Signaling in Neurodegeneration Disease*”, aims to provide a comprehensive overview of the dynamic signaling networks involved in neurodegeneration. We invite original research articles, reviews, and perspectives that focus on the identification and functional analysis of signaling pathways implicated in neurodegenerative conditions. Of particular interest are studies investigating **biomarkers, pathway-specific mechanisms, glial-neuronal interactions, intercellular communication**, and novel **therapeutic strategies**. We welcome interdisciplinary contributions utilizing a variety of experimental models and methodologies, including human-derived samples, neuroimaging, iPSCs, transcriptomics, proteomics, animal models, computational modeling, and drug screening platforms. By integrating insights across molecular, cellular, and system-level neuroscience, this Special Issue seeks to advance both our basic understanding and translational applications.

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 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).