Special Issue

Non-Traditional Roles of Protein Ubiquitination in Cellular Processes and Health

Message from the Guest Editor

Protein ubiquitination is one of the most common post-translational modifications. As well as mono-ubiquitin modification and homotypic chain formation, heterotypic ubiquitin chains that are mixed or branched have been documented. The specific codes embodied in distinct ubiquitin chain architectures are deciphered by "readers", which bind ubiquitin-modified proteins to translate the signals into different functional outputs. Emerging studies suggest that key components in non-traditional ubiquitin signaling pathways may represent viable therapeutic targets in the treatment of a variety of pathologic conditions.

This Special Issue will showcase a collection of original research and review articles addressing non-traditional functions of protein ubiquitination and their underlying molecular and cellular mechanism

Guest Editor

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Deadline for manuscript submissions

20 March 2026

Cells

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed

mdpi.com/si/224529

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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).