Special Issue

Cellular Function of TRIM E3 Ubiquitin Ligases in Health and Disease

Message from the Guest Editors

The field of the Tripartite Motif (TRIM) family has progressively attracted increasing interest during the last two decades. The presence of a distinctive amino-terminal module composed of a RING, B-box(es) and Coiled-coil domains was employed for the first time as a family back in 2001 and for the mining of novel, at that time unrecognized, family members. In the following years, several reports demonstrated that the shared TRIM proteins' domain composition is associated with their involvement in the ubiquitination process. Today, many efforts are directed toward the prospect of recognizing TRIM proteins/functions as therapeutic targets. To make this possible, it is time now to take a step forward, tackling the TRIM deep role in diverse cellular processes. To set where we are in the field of cellular function of TRIM E3 ubiquitin ligase, we aim at collecting articles in this Special Issue of *Cells*, and we therefore invite your contributions, either in the form of original research articles or reviews, addressing this specific topic.

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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).