Special Issue

Protein Homeostasis in Physiology

Message from the Guest Editors

Protein homeostasis (proteostasis) is an essential cellular mechanism that controls the biogenesis, trafficking, folding and degradation of proteins in cells. Perturbations in protein homeostasis may lead to the aberrant accumulation/aggregation of misfolded proteins, trigger stress responses, or excessive protein degradation. Dysregulation of proteostasis has been implicated in many human diseases and aging as well as organismal health. For this Special issue, we welcome original research and mini-review articles covering the mechanistic aspects of protein homoestasis including proteostasis in organelles, proteostasis in disease and aging. Articles discussing methodological approaches with test tubes, living cells or organisms are also encouraged.

Guest Editors

Dr. Min-ji Kang

College of Medicine, University of Ulsan, Seoul, Republic of Korea

Dr. Peter Chang-Whan Lee

Department of Biomedical Sciences, University of Ulsan College of Medicine, ASAN Medical Center, Seoul, Korea

Deadline for manuscript submissions

closed (31 August 2022)

Cells

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed

mdpi.com/si/96366

Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

mdpi.com/journal/cells

Cells

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed

mdpi.com/journal/cells

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.

Editors-in-Chief

Dr. Alexander E. Kalyuzhny
Dental Basic Sciences, University of Minnesota, 308 Harvard St. SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch
Biotech Research & Innovation Centre, The University of Copenhagen, Copenhagen, Denmark

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Rapid Publication:

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).