

Special Issue

Nucleolar Organization and Functions in Health and Disease II

Message from the Guest Editors

This Special Issue will highlight new insights into the physical and molecular mechanisms that control the dynamic architecture and diverse functions of the nucleolus, and how they are impaired by disease. We invite contributions that cover the various aspects of nucleolar biology and their implications for human health. Manuscripts that apply interdisciplinary or quantitative approaches to study the various aspects of nucleolar assembly, mechanistic principles of substructural organization in health and disease, and the functional interplay among the many nucleolar functions are particularly welcome. Keywords

- Nucleolus
- Ribosome biogenesis
- Pre-rRNA processing
- Phase separation
- Biological condensate
- Stress response
- Aging
- Ribosomopathy
- Cancer

Guest Editors

Prof. Dr. Ursula Stochaj

Department of Physiology, McGill University, Montreal, QC, Canada

Dr. Mirek Dunder

Center for Cancer Cell Biology, Chicago Medical School, Chicago, IL, USA

Deadline for manuscript submissions

closed (15 November 2021)



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

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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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Dr. Alexander E. Kalyuzhny

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

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).