

Special Issue

Super-Resolution Microscopy in Cells

Message from the Guest Editors

Special Issue "Super-Resolution Microscopy in Cells" of the Journal "*Cells*" (Impact Factor 6.600). The Special Issue will focus on novel development and application of microscopy methods (both optical and computational) that enable super-resolution imaging at single-cell level. Novel unconventional microscopies or artificial intelligence based approaches to outperform existing super-resolution methods are also within the scope of the Special Issue. Papers may also focus on addressing step forward biological questions by advanced single-cell imaging and analysis. Moreover, review articles can cover recent advances in the fields of super-resolution microscopy, computational microscopy, or novel and emerging techniques for sub-diffraction imaging.

Guest Editors

Dr. Pietro Ferraro

Prof. Dr. Demetri Psaltis

Prof. Dr. Zeev Zalevsky

Dr. Pasquale Memmolo

Deadline for manuscript submissions

closed (31 May 2022)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/105929

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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.

Editors-in-Chief

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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 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).