

Special Issue

Dysregulation of Calcium Signalling in Disease

Message from the Guest Editor

Calcium is the major second messenger inside the cell and acts as the most prominent signaler in a plethora of biological processes. Its homeostasis is preserved by a sophisticated system of channels, pumps, and exchangers, which ensure a low cytoplasmic Ca^{2+} concentration at resting conditions and prompt Ca^{2+} elevation upon specific stimulations. This Special Issue of *Cells* is dedicated to the role of imbalanced Ca^{2+} signaling in disease. Contributions in the form of original experimental articles, up-to-date reviews, or short communications are welcome. We hope that this collection of papers may help the readers to point out the contribution and the mechanistic role of Ca^{2+} in different pathological contexts.

Guest Editor

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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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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).