Special Issue

Calcium Signaling in Skeletal and Cardiac Health and Diseases

Message from the Guest Editors

The spatiotemporal modulation of intracellular Ca2+ levels provides a signal transduction mechanism in virtually all cell types. This is used to determine which short- and long-term cellular functions are activated and when. Ion channels, pumps, and exchangers in the plasma membrane and/or endoplasmic/sarcoplasmic reticulum are responsible for this fine control of Ca2+ handling. Nonetheless, several important skeletal and cardiac disease states result from abnormal remodeling of Ca2+ signaling. **This Special Issue welcomes manuscripts providing insight on aspects relevant to calcium signaling in skeletal and cardiac health and diseases.**

Guest Editors

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Deadline for manuscript submissions

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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).