

Special Issue

Regulation of Ca²⁺ Signals in Human Disease

Message from the Guest Editor

Calcium (Ca²⁺) signaling plays a pivotal role in a wide range of physiological processes, including gene expression, cell proliferation, metabolism, and apoptosis. The dysregulation of Ca²⁺ homeostasis is increasingly recognized as a contributing factor in the pathogenesis of numerous human diseases, such as cancer, neurodegenerative disorders, cardiovascular disease, and immune dysfunction. This Special Issue of *Cells* will highlight recent advances in our understanding of how Ca²⁺ signaling is regulated under physiological and pathological conditions. We welcome original research articles and reviews that explore molecular mechanisms, disease models, therapeutic targets, and novel imaging or analytical tools related to Ca²⁺ signaling in human health and disease.

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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