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Dysregulation of Calcium Signalling in Disease

Guest Editor:

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Deadline for manuscript
submissions:

closed (15 March 2021)

Message from the Guest Editor

Dear Colleagues,

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 Ca²⁺ concentration at resting conditions and prompt Ca²⁺ elevation upon specific stimulations.

This Special Issue of *Cells* is dedicated to the role of imbalanced Ca²⁺ 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 Ca²⁺ in different pathological contexts.

Dr. Saverio Marchi
Guest Editor



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Special Issue



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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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