



cells



an Open Access Journal by MDPI

Calcium Signaling in Skeletal and Cardiac Health and Diseases

Guest Editors:

Dr. Jessica Sabourin

Signalling and Cardiovascular Pathophysiology, Faculty of pharmacy, INSERM UMR-S 1180-LABEX LERMIT, 92296 Châtenay-Malabry, France

Dr. Jean-Pierre Benitah

Signalling and Cardiovascular Pathophysiology, Faculty of pharmacy, INSERM UMR-S 1180-LABEX LERMIT, 92296 Châtenay-Malabry, France

Deadline for manuscript submissions:

closed (5 July 2022)

Message from the Guest Editors

Dear Colleagues,

The spatiotemporal modulation of intracellular Ca^{2+} 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 Ca^{2+} handling. Nonetheless, several important skeletal and cardiac disease states result from abnormal remodeling of Ca^{2+} signaling. **This Special Issue welcomes manuscripts providing insight on aspects relevant to calcium signaling in skeletal and cardiac health and diseases.**

Dr. Jessica Sabourin

Dr. Jean-Pierre Benitah

Guest Editors



mdpi.com/si/89163

Special Issue



cells



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Alexander E. Kalyuzhny

Neuroscience, UMN Twin Cities,
6-145 Jackson Hall, 321 Church St
SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation
Centre, The University of
Copenhagen, Copenhagen,
Denmark

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [CAPus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Cell Biology*) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/cells
cells@mdpi.com
[X@Cells_MDPI](#)