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Cell Calcium across the Phylogenetic Tree: From Physiological Signaling to Pathogenic Mechanisms

Guest Editor:

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Deadline for manuscript submissions:

closed (15 June 2023)

Message from the Guest Editor

This Special Issue is organized to provide a forum for all researchers and scholars whose activity is linked to the study of Ca^{2+} signaling and Ca^{2+} -regulated processes in all organisms across the phylogenetic tree. We welcome original research articles, reviews, commentaries, opinions and experimental protocols on the physiology and pathology of Ca^{2+} signals, components of the Ca^{2+} signaling toolkit, Ca^{2+} -regulated proteins and processes studied in the species populating the Earth. These include comparative studies and contributions regarding molecular and functional evolution of Ca^{2+} signaling components and Ca^{2+} -binding proteins. We also welcome contributions which exploit the molecules from diverse species to the study of Ca^{2+} signaling in health and disease.

Dr. Dmitry Lim

Guest Editor



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Special Issue



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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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