

## Special Issue

# Calcium Signaling Derangement and Disease Development and Progression

### Message from the Guest Editors

Calcium (Ca<sup>2+</sup>) signaling delivers the spatial and temporal signals necessary to control and regulate various cell types. In particular, cytosolic Ca<sup>2+</sup> serves as a universal second messenger that not only regulates such processes as autophagy and apoptosis, but also influences cell division/growth and gene expression. Recent evidence suggests that abnormal Ca<sup>2+</sup> signaling is a hallmark of many disorders, including: neurodegenerative disorders, such as Alzheimer's disease, Parkinson's disease, amyotrophic lateral sclerosis and Huntington's disease; cardiac disease; schizophrenia and bipolar disorder; and lung infection and diseases such as cystic fibrosis and lung cancer. This Special Issue welcomes submissions of original research articles, reviews and short communications focusing on Ca<sup>2+</sup> signaling dysregulation and disease, in particular mechanisms underlying potential pathology and disease development, ranging from altered cell signaling and immune cell function to potential population-based studies.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2021)



## Biology

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CiteScore 7.4  
Indexed in PubMed



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