

## Special Issue

# MiNICAD Special Issue: Ion Channels and Human Diseases

### Message from the Guest Editor

Ion channels crucially participate in health and diseases, governing all aspects of life and death. Since the seminal findings of Hodgkin and Katz in the 70s and Neher and Sakmann in the 90s, the discovery of the mechanisms underlying ion channel functions has had a great impact on physiology and pathology understanding. To date, several ion channels have been associated with a number of human diseases; opening new avenues in the pharmacology design, focused on ion channel biophysical properties modulation, protein turnover, responses to ligand and toxin, among several other features. The Millennium Nucleus of Ion Channels-Associated Diseases (MiNICAD) brings together many researchers devoted to studying all aspects of ion channels participation in human diseases at cellular, molecular, and physiological levels and with this MiNICAD Special Issue “Ion Channels and Human Diseases” we offer an open access forum to disseminate high-quality reviews and original research articles covering all aspects of ion channels participation in human diseases.

### Guest Editor

Dr. Felipe Simon

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### Deadline for manuscript submissions

closed (15 November 2020)



## Cells

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Impact Factor 5.2  
CiteScore 10.5  
Indexed in PubMed



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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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### Editors-in-Chief

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