

## Special Issue

# Electrical Remodeling in Cardiac Disease

### Message from the Guest Editors

Heart disease remains the leading cause of death worldwide. The heart has an amazing capacity to adapt to functional impairment through structural, mechanical, and electrical remodeling processes that, within certain limits, compensate for compromised function but may eventually become deleterious. The mechanisms by which electrical remodeling may lead to malignant arrhythmia are poorly understood. In order to provide better risk prediction for arrhythmic events in cardiac disease, we need to advance our understanding of electrical remodeling at the molecular, cellular, and whole-organ level in the context of different cardiac pathologies. This can be achieved by analyzing multiple sites of remodeling, including voltage-, ligand- and mechano-gated channels, cellular Ca<sup>2+</sup> homeostasis, cell-cell interactions, and electrical implications of fibrosis. The purpose of this Special Issue of *Cells* is to assemble a collection of articles addressing general mechanisms of electrical remodeling in the context of cardiac disease. Hope to offer inspiration for the development of better protection against lethal arrhythmias.

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### Guest Editors

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### Deadline for manuscript submissions

closed (15 September 2021)



## Cells

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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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