



cells



an Open Access Journal by MDPI

Frontiers in Electrophysiology and Arrhythmias

Guest Editors:

Dr. Sebastian Claus

1. Medizinische Klinik und Poliklinik I, University Hospital Munich, Campus Grosshadern, Ludwig-Maximilians-Universität München (LMU), DE-81377 Munich, Germany

2. Walter-Brendel-Centre of Experimental Medicine, University Hospital of Munich, Campus Grosshadern, Ludwig-Maximilians-Universität München (LMU), DE-81377 Munich, Germany

Dr. Ling Xiao

Cardiovascular Research Center, Massachusetts General Hospital and Harvard Medical School, Boston, MA, USA

Deadline for manuscript submissions:

closed (15 January 2023)

Message from the Guest Editors

Arrhythmias are common and are associated with significant morbidity and mortality. In the current issue of *Cells* entitled “Frontiers in Electrophysiology and Arrhythmias”, we aim to provide a collection of articles emphasizing the current knowledge on arrhythmias.

We encourage clinicians and basic and translational scientists to submit original research data, up-to-date review articles, and protocols on methodological aspects. This call for papers is not dedicated to a specific disease, and we will also consider manuscripts on diseases predisposing to arrhythmias, such as diabetes or chronic kidney disease. Potential subjects include but are not limited to:

- Basic electrophysiology studies (e.g., cellular electrophysiology, molecular mechanisms, genetics);
- Disease modeling (small and large animal models, transgenic models, etc.); Translational aspects (e.g., validation of basic research findings in large animals);
- Description of scientific and clinical methods (e.g., state-of-the-art methodology, practical protocols);
- Current clinical management (e.g., diagnostic approaches, treatment options, preventive strategies);
- Clinical trials.



mdpi.com/si/78322

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](#), [CAPlus / 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](#)