

Special Issue

Adrenergic Signaling in Health and Disease

Message from the Guest Editors

The role of adrenergic system has been widely associated with the regulation of cardiovascular functions, with α - and β -adrenoceptors displaying opposite activity and representing crucial therapeutic targets for cardiovascular diseases. A relevant role of adrenoceptors is also increasingly emerging in several other tissues and organs. In this respect, targeting specific α - and β -adrenoceptors subtypes has also become the subject of interest for the treatment of neurological, respiratory, metabolic, and urologic conditions. Novel insights into the α - and β -adrenoceptor signaling, and the relative ligands selectivity and specificity, represent the new frontier for the characterization of adrenergic system function from systemic to cell-specific levels in health and disease. We invite you to provide original research articles investigating novel mechanistic insights into adrenoceptor function. Manuscripts providing translational value will be particularly welcome.

Guest Editors

Prof. Dr. Paola Bagnoli

Department of Biology, University of Pisa, Pisa, Italy

Dr. Rosario Amato

Department of Biology, University of Pisa, Pisa, Italy

Deadline for manuscript submissions

closed (31 December 2022)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



mdpi.com/si/114808

Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

[mdpi.com/journal/
cells](https://mdpi.com/journal/cells)





Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



[mdpi.com/journal/
cells](https://mdpi.com/journal/cells)



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.

Editors-in-Chief

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

Author Benefits

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)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).