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Adrenergic Signaling in Health and Disease

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Deadline for manuscript submissions:

closed (31 December 2022)

Message from the Guest Editors

Dear Colleagues,

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.

Prof. Paola Bagnoli

Dr. Rosario Amato

Guest Editors



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Special Issue



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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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