Adrenergic Signaling in Health and Disease

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Message from the Guest Editors

Dear Colleagues,

The role of adrenergic system has been widely associated with the regulation of cardiovascular functions, with $\alpha$- and $\beta$-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 $\alpha$- and $\beta$-adrenoceptors subtypes has also become the subject of interest for the treatment of neurological, respiratory, metabolic, and urologic conditions. Novel insights into the $\alpha$- and $\beta$-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.

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