

Special Issue

Molecular Insights into cAMP/PKA Pathway Regulation in Health and Disease

Message from the Guest Editors

This Special Issue, “Molecular Insights into cAMP/PKA Pathway Regulation in Health and Disease”, aims to explore the intricate molecular mechanisms that regulate the cyclic AMP (cAMP)/Protein Kinase A (PKA) signaling pathway and its impact on cellular function in both normal physiology and disease states. The cAMP/PKA pathway is a critical signaling cascade involved in numerous biological processes, including metabolism, cellular stress responses, gene regulation, and neurotransmission. Dysregulation of this pathway has been implicated in a range of diseases, including metabolic disorders, cardiovascular diseases, cancer, and neurodegenerative conditions. The contributions in this issue will address various aspects of cAMP/PKA signaling, including its role in cellular homeostasis, cross-talk with other signaling pathways, molecular regulators, and therapeutic interventions targeting pathway dysregulation. We invite original research articles and reviews that provide novel insights into this vital signaling axis, with a particular focus on its implications in disease pathology and potential therapeutic strategies.

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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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