Special Issue

The Interplay of G-Protein-Coupled Receptor Signaling between Humans and Diseases

Message from the Guest Editor

G-protein-coupled receptors (GPCRs) represent a pivotal class of signaling molecules exclusive to eukaryotic organisms, serving as the largest cohort of cell-surface proteins encoded within the human genome. GPCRs intricately orchestrate a myriad of physiological processes with their pervasive involvement spanning across virtually every facet of human biology. Moreover, their significance as druggable targets cannot be overstated. In recognition of the paramount importance of GPCRs in disease pathogenesis and therapeutic intervention, we are pleased to announce a Special Issue of *Cells* dedicated to the latest advancements in GPCR research. We invite submissions encompassing original research articles or comprehensive reviews, delving into the recent strides made in understanding GPCRs across a spectrum of diseases.

- G-proteins
- G-protein-coupled receptors
- G-protein-independent signaling
- cAMP signals

Guest Editor

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Deadline for manuscript submissions

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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).