

## Special Issue

# Structures, Regulation, Signaling, and Physiological Functions of Adhesion G-Protein Coupled Receptors

### Message from the Guest Editors

Adhesion G protein-coupled receptors (aGPCRs) are unique and highly understudied receptors that play essential roles in health and disease. Thus, there is a growing interest in the identification of new physiological targets as well as elucidating the molecular mechanisms behind the known functional implications. With the majority of aGPCRs being orphan receptors, establishing new ligands and characterizing downstream effectors and modulators are of utmost importance. Further, structural information is invaluable. Therefore, this Special Issue aims to gather novel work, advances, and opinions from scientists worldwide on aGPCR structures, physiology, signal transduction and regulation, activation mechanisms, identification of ligands and modulators, as well as clinical aspects. This Special Issue welcomes original research articles, clinical reports, and review articles. Articles will be peer reviewed and published in the open access journal *Cells*. We look forward to your contributions.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 November 2024)



## Cells

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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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### Editors-in-Chief

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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).