Special Issue

G Protein-Coupled Receptors and Diseases

Message from the Guest Editor

G protein-coupled receptors (GPCRs) are the largest family of cell membrane receptor proteins in eukaryotic cells. These proteins sense stimuli from the environment and transmit the signals from outside the cell to the inside. GPCRs play diverse roles in cellular physiology and functions, such as cell survival, cell proliferation, the interactions between humans and the microbiome, and taste sensing. They are associated with many diseases, such as diabetes, cancer, oral diseases, lung diseases, aging, cardiovascular diseases, and neurodegeneration. Thus, they are attracting significant attention in the drug development field. Extensive ongoing studies are exploring GPCRs' roles in the mechanisms and treatment of diseases. This Special Issue will showcase original research and review articles on GPCR-associated disease studies.

Guest Editor

Dr. Yongqiang Chen

Department of Oral Biology at the University of Manitoba, Children's Hospital Research Institute of Manitoba (CHRIM), Winnipeg, MB, Canada

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Cells
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cells@mdpi.com

mdpi.com/journal/cells

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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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