

Special Issue

Role of the G Protein-Coupled Receptors in Cancer and Stromal Cells: From Functions to Novel Therapeutic Perspectives—Series II

Message from the Guest Editors

Heterotrimeric G proteins consist of four subfamilies (Gs, Gi/o, Gq/11, and G12/13) involved in a multifaceted signaling network through the G-protein coupled receptors (GPCRs) that belong to the largest gene family of cell-surface receptors. Considering that many GPCRs play a key role in numerous physiological functions, their involvement in various human diseases, including cancer, is not surprising. In this regard, emerging evidence strongly suggests that GPCRs may drive certain aberrant features that characterize tumorigenic processes such as cell proliferation, survival, invasion, metastasis, angiogenesis, immune evasion, and therapy resistance. To date, GPCRs represent the therapeutic targets of more than a quarter of the clinical drugs currently on the market.

We invite scientists working on this topic to contribute to this Special Issue. Original research articles or reviews on all aspects related to the molecular and cellular mechanisms through which GPCRs trigger not only cancer cells but also the malignant liaison within the tumor microenvironment are welcome. Articles with insights from biological to therapeutic perspectives are especially welcome.

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Deadline for manuscript submissions

closed (30 November 2023)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed



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About the Journal

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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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