

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.

Guest Editors

Prof. Dr. Marcello Maggiolini

Full Professor, Department of Pharmacy and Health and Nutritional Sciences, University of Calabria, 87036 Rende, Cosenza, Italy

Dr. Rosamaria Lappano

Associate Professor, Department of Pharmacy and Health and Nutritional Sciences, University of Calabria, 87036 Rende, Cosenza, Italy

Deadline for manuscript submissions

closed (30 November 2023)



Cells

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 9.9
Indexed in PubMed



mdpi.com/si/130734

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

[mdpi.com/journal/
cells](https://mdpi.com/journal/cells)





Cells

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 9.9
Indexed in PubMed



[mdpi.com/journal/
cells](https://mdpi.com/journal/cells)



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.

Editors-in-Chief

Prof. Dr. Alexander E. Kalyuzhny

Neuroscience, UMN Twin Cities, 6-145 Jackson Hall, 321 Church St SE,
Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation Centre, The University of Copenhagen,
Copenhagen, Denmark

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).