

Special Issue

G-Protein-Coupled Receptors (GPCRs)

Message from the Guest Editor

G-protein-coupled receptors (GPCRs) are the cell surface protein that constitute the largest family in the human genome (>800 genes), and are involved in a wide variety of functions in the peripheral and central systems. GPCRs have the ability to bind or are activated by multiple ligands, including hormones, photons, ions, neurotransmitters, odorants, peptides, and light, and are involved in the regulation of multiple signaling pathways. The majority of transduction events in cells are under the influence of GPCRs, which is a testament to their significance as a major target of therapeutic drug discovery. Despite recent progress in the field of GPCRs, the structure biology of these surface proteins is poorly understood; however, functional interactions between different GPCRs, including adrenergic, cannabinoid, GABA, dopamine, opioid, and somatostatin receptor subtypes are now well established. As such, I invite submission of manuscripts dealing with different aspects of GPCRs for publication in this Special Issue of Biomedicine.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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