

Special Issue

G Protein-Coupled Receptors

Message from the Guest Editor

G-protein-coupled receptors (GPCRs) are the largest family of plasma membrane receptors. They are involved in recognizing a diverse spectrum of ligands and mediate a broad array of cellular signaling cascades resulting into a myriad of physiological responses. Understanding the ligand recognition, activation, signaling, and regulation of these receptors is of prime importance not only to decipher aspects of human physiology but also for developing novel therapeutics. There have been remarkable developments in the broad area of GPCR biology in the past several years that have uncovered the structural mechanism of their activation, resulted in new regulatory and signaling paradigms, and allowed the use of novel methodologies to explore the functional outcomes. In this issue, all recent advances in the field of GPCR research are encouraged.

Guest Editor

Dr. Dorota Latek

Faculty of Chemistry, University of Warsaw, 02-093 Warsaw, Poland

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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