

Special Issue

GPCRs: Structure, Biology and Potential Applications

Message from the Guest Editor

The more than 800 human GPCRs impact almost all aspects of physiology and represent the largest family of drug targets. The recent revolution in the structural biology of GPCRs in complexes with agonists, antagonists, allosteric modulators, and intracellular signaling partners has been crucial in determining a general mechanism of GPCR activation and has provided structural frameworks for the rational design of pharmacological GPCR regulators. For this Special Issue, we would like to invite review articles by leading experts on the structure–function relationship of select GPCRs and GPCR subfamilies, GPCRs as therapeutics, and the coupling of GPCRs to G proteins, arrestins, and GRKs.

Guest Editor

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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