

# 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.

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### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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