

Special Issue

G-protein Coupled Receptors

Message from the Guest Editor

G-protein-coupled receptors (GPCRs) are composed of 800 cell surface proteins that are characterized by seven transmembranes and, upon the activation of heterotrimeric G proteins, are involved in the regulation of signal transduction pathways. In the central nervous system, and in peripheral tissues, GPCRs modulate multiple neurotransmitters and hormones. At present, 40% of the clinically approved therapeutic drugs available on the market target GPCRs due to their crucial role in the regulation of several physiological cell functions. In the last 20 years, significant progress has been made in understanding GPCRs at the molecular and protein level, in addition to their functional cross-talk as homo- and heterodimers. *IJMS*, a high-impact journal of international renown, will be publishing a Special Issue on GPCRs, and we welcome submissions.

Guest Editor

Dr. Ujendra Kumar

Faculty of Pharmaceutical Sciences, The University of British Columbia, Vancouver, BC V6T 1Z3, Canada

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4052 Basel, Switzerland
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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.

Editor-in-Chief

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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