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GPCRs: Ligands and Beyond 2023

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Message from the Guest Editors

In recent years, tremendous progress has been seen in elucidating experimental structural information for G-protein coupled receptors (GPCRs). Mainstream, pharmaceutically relevant GPCR structural information is accessible by homology models that progressively increase the structural information. This has fostered the application of structure-based drug design tools for this emerging class of drug targets. Likewise, the discovery of natural compounds and/or endogenous ligands molecules on GPCRs has remained a largely unexplored research subject. GPCR topics of interest include: i) expression; ii) signaling; iii) molecule interaction; iv) molecular dynamics; and v) docking in physiological and pathophysiological models. Therefore, considering the success of the first volume of this Special Issue, we decided to generate a sequel to support further research.

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Special Issue



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