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GPCRs: Ligands and beyond 2022

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Message from the Guest Editors

Dear Colleagues,

Tremendous progress has seen in the recent years in the elucidation of experimental structural information for G-protein coupled receptors (GPCRs). The main stream of pharmaceutically relevant GPCRs structural information is accessible by homology models that progressively increase the structural information. This fostered the application of structure-based drug design tools for this emerging class of drug targets. Likewise, is still going the discovery of natural compounds and/or endogenous ligands molecules on GPCRs. Of interest GPCR: i) expression; ii) signaling; iii) molecule interaction; iv) molecular dynamics; v) docking; in physiological and pathophysiological models.



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