

## Special Issue

# G-Protein-Coupled Receptors as Therapeutic Targets for CNS Disorders

### Message from the Guest Editors

G-protein-coupled receptors (GPCRs) represent the largest family of membrane receptors in the human genome and play pivotal roles in cellular signaling across various physiological systems. In the central nervous system (CNS), GPCRs are critical for regulating neurotransmitter release, synaptic plasticity, neuronal excitability, and neuroinflammation. Accumulating evidence has highlighted the strong relationship between GPCR dysfunction and the pathophysiology of numerous CNS disorders, including schizophrenia, depression, anxiety, Parkinson's disease, Alzheimer's disease, and epilepsy. Moreover, there is growing evidence linking GPCRs to brain cancer development, in particular glioblastoma tumor progression. In this Special Issue, authors are invited to submit original articles dealing with the discovery and/or development of subtype selective or multitarget ligands targeting GPCRs that are potentially useful for the treatment of CNS diseases. Review articles focusing on recent findings in this area of investigation will also be welcome.

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### Guest Editors

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### Deadline for manuscript submissions

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## Pharmaceuticals

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Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*.

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We hope to handle your contribution to *Pharmaceuticals* soon.

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### Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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