



## GABA Receptors in Pharmacology and Neurobiology

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Deadline for manuscript  
submissions:

**closed (30 November 2022)**

### Message from the Guest Editor

We are announcing a Special Issue of *Biomolecules* on the “GABA Receptors in Pharmacology and Neurobiology” in order to highlight the importance of GABA-mediated transmission during neurodevelopment and different psychiatric and neurological disorders.  $\gamma$ -Aminobutyric acid type A receptors are the main inhibitory mediators in the central nervous system, and are seen as promising therapeutic targets since they mediate the rapid synaptic as well as the slow extrasynaptic inhibitory neurotransmission. Agonists of GABA-B receptors are useful muscle relaxants and antinociceptive in acute pain models. GABAergic neurons are the key players in regulating neuronal circuits, and deficits in GABAergic signalling underlie the pathophysiology of several psychiatric and neurological conditions from anxiety and insomnia to epilepsy. Thus, elucidating the pharmacological and neurobiological potential and molecular properties of GABA receptors as well as developing more selective therapeutic targeting drugs with less side effects remain a challenge in modern drug discovery. Submissions dealing with different perspectives of GABA receptors are welcome.





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