



## Mechanisms of the Endocannabinoid System and Their Role in Neurophysiology and Psychopathology

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

Recent research has demonstrated the involvement of the endocannabinoid system (ECS) in various psychological processes, including pain perception, emotion regulation and stress processing, as well as in mental disorders. However, despite its well-known pharmacological accessibility, treatment options specifically targeting this system and its components are still unoptimized, and there is still a need for further research on the molecular level. Basic in vitro and in vivo experiments and clinically oriented research in animals and humans on how the ECS and its modulation affect neural processing, psychological functioning and behaviour in health and disease could contribute to a better understanding of this system's mechanisms and inform the development of tailored treatment options.

Guest-edited by Prof. Dr. Birgit Abler with assistance from Dr. Jennifer Spohrs, a Topical Advisory Panel Member, this Special Issue focuses on recent studies that contribute to the understanding of the functioning of the ECS in psychopathology as well as potential therapeutic applications.

Prof. Dr. Birgit Abler  
*Guest Editor*





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