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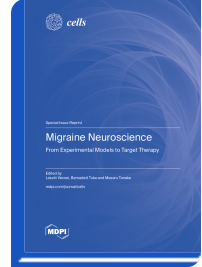
Special Issue Reprint

Migraine Neuroscience: From Experimental Models to Target Therapy

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Migraine is a prevalent and burdensome neurological disorder characterized by throbbing headaches, sensory disturbances, nausea, and sensitivity to light and sound. Due to its severe symptoms and limited treatment options, migraines place a significant burden on people, society, and the economy. The pathophysiology of migraine involves a complex interplay of genetic, environmental, and neurobiological factors. Recent advancements in migraine research have highlighted the significance of experimental models in unraveling the molecular and cellular pathways underlying migraine attacks. This Special Issue delves into cutting-edge research on migraine neuroscience, focusing on experimental models and therapeutic targets to enhance our understanding of migraine pathophysiology and improve patient outcomes. The ultimate goal is to develop targeted therapies that effectively manage migraine symptoms and alleviate the impact of this disorder on individuals' quality of life. Bridging the gap between basic science discoveries and clinical applications remains challenging, necessitating interdisciplinary collaborations and the integration of diverse fields such as neuroscience, genetics, and pharmacology. Leveraging advanced technologies is crucial in identifying novel therapeutic strategies and potential targets for migraine treatment.



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