

Special Issue

Migraine Neuroscience: From Bench to Bedside

Message from the Guest Editors

The most frequent neurological disorder is headache, and promising new treatment strategies are emerging, especially for migraine. Migraine is a highly disabling primary headache that affects more than 1 billion people worldwide. Migraine is characterized by recurrent episodes of severe unilateral throbbing headache, lasting 4–72 hours, associated with nausea/vomiting and with sensitivity to light, sound and head movement (migraine without aura). About one third of migraineurs experience fully reversible neurological symptoms (visual, sensitive) that precede or accompany the headache (migraine with aura). The neuropeptide Calcitonin Gene-Related Peptide (CGRP) plays a key role in migraine pathophysiology. New therapeutically active agents specifically targeting CGRP or its receptor were developed for migraine treatment. In this Special Issue, we will describe the most recent progress in diagnosis, red and green flags and treatment strategies.

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