

Special Issue

Research on the Neural Mechanisms of Migraine and Post-traumatic Headache

Message from the Guest Editors

Migraine and post-traumatic headache (PTH) are two common debilitating neurological disorders associated with high socioeconomic impact on patients, healthcare systems, and society. Although distinct in their etiologies, a growing body of evidence supports overlapping mechanisms, clinical manifestations, and therapeutic challenges. This Special Issue aims to shed light on both disorders and explore novel diagnostic and management options. By fostering collaboration among researchers and clinicians, and bringing together leading experts in the field worldwide, we seek to advance our understanding of the neural mechanism of migraine and PTH, identify potential biomarkers for early diagnosis and prognosis, explore the impact on quality of life, and develop innovative treatments for both disorders. This Special Issue aims to cover various topics, including, but not limited to, the following:

- Epidemiology on migraine and PTH;
- Pathophysiology and neurodiagnostic findings;
- Comorbidities;
- Genetics and epigenetics;
- Preventive and acute treatment strategies;
- Neuromodulation.

Guest Editors

Dr. Xiao Michelle Androulakis

Dr. Marta Vila-Pueyo

Dr. Nasim Maleki

Dr. Robert Davis Moore

Deadline for manuscript submissions

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Brain Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
brainsci@mdpi.com

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Brain Sciences* (ISSN 2076-3425). *Brain Sciences* is an open access, peer-reviewed scientific journal that publishes original articles, critical reviews, research notes, and short communications on neuroscience. The scientific community and the general public can access the content free of charge as soon as it is published.

Editor-in-Chief

Prof. Dr. Stephen D. Meriney

Department of Neuroscience, University of Pittsburgh, Pittsburgh, PA
15260, USA

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