

Special Issue

Headache: Advances in Pathophysiology, Clinical Presentations and Therapeutic Options

Message from the Guest Editor

Migraines account for approximately 5% of global years lived with disability (YLDs). The treatment of migraines remains difficult, despite the development of new medications that specifically target migraines and pivotal alterations. Migraines are more than mere pain, and are associated with autonomic symptoms, mental fog and cognitive impairments, other musculoskeletal and visceral painful syndromes, chronic pelvic pain, and irritable bowel syndrome.

An enhanced understanding of the pathophysiological mechanisms implicated in migraines could highlight the causes behind the presentation of unusual symptoms and the association between migraines and comorbid conditions; this could lead to a better selection of targets for new medication and non-pharmacological therapies.

Therapeutic trials that undertake the clinical and instrumental (e.g., neurophysiology or neuroimaging) evaluation of outcomes could also reveal how treatment restores migraine alterations, serves as “reverse engineering” and provides valuable information. In this Special Issue, we welcome the submission of original articles and speculative and narrative reviews that clarify the features of migraines.

Guest Editor

Dr. Alessandro Viganò

IRCCS Fondazione Don Carlo Gnocchi, 20148 Milan, Italy

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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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Editor-in-Chief

Prof. Dr. Stephen D. Meriney

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

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