Special Issue

Neuromodulation for Pain Management: Evidence of Safety and Efficacy

Message from the Guest Editors

Chronic pain in certain medical conditions is particularly difficult to resolve, and some patients are refractory to available pharmacological and interventional treatments. Neuromodulation is a research and interventional method aimed to modulate nervous system activity and regulate potentially altered processes in different neurological and psychiatric conditions. The effectivity of neuromodulation is being investigated in multiple pathologies associated with chronic pain, such as migraine, rheumatic pain, fibromyalgia, neuropathies, epilepsy, myalgic encephalomyelitis, post-stroke pain, etc., and recent non-invasive brain and spinal cord stimulation procedures provide clinical effects comparable to approved invasive or surgical methods, but in a safer and more tolerable way. In this Special Issue, recent advances in the treatment of pain via invasive and non-invasive neuromodulation, including vagal, brain, and spinal stimulation, both magnetic and electric, are collected, with a focus on those critical factors determining the effectiveness and safety of current protocols used in pain management.

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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.

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