

## Special Issue

# Cellular and Molecular Mechanisms of Neuropathic Pain

### Message from the Guest Editor

Neuropathic pain is a significant condition that impairs individuals' ability to fulfill their professional responsibilities, negatively impacting societal economic well-being. It arises from damage and/or diseases affecting the somatosensory system at peripheral, central, or both levels, leading to various morphological and neurochemical changes in pain processing pathways. The neurochemical alterations associated with neuropathic pain involve an imbalance of neurotransmitters responsible for pain modulation, resulting in both inhibitory and excitatory patterns. These changes complicate the experience of pain and challenge the efficacy of traditional therapies. In this Special Issue, we invite papers and reviews that explore the mechanisms underlying neuropathic pain, particularly research focused on restoring the balance between the excitatory and inhibitory systems involved in pain sensation. We also encourage contributions investigating novel therapeutic targets and innovative pharmacological approaches—whether natural or synthetic—that show promise for managing this complex condition.

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### Guest Editor

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### Deadline for manuscript submissions

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## Brain Sciences

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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.

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