

Special Issue

Emerging Trends and Perspectives in the Neuroscience of Pain

Message from the Guest Editors

This Special Issue welcomes original research, comprehensive reviews, and concise communications that address three core themes:

- Neuroimaging and neurophysiology breakthroughs—including fMRI, PET, and EEG—that map anatomical and functional substrates of pain;
- Neuromodulation advances—including studies of spinal, peripheral, and transcranial stimulation techniques and pulsed radiofrequency—aiming to modulate aberrant pain signalling;
- Foundational mechanisms—exploring synaptic plasticity, neural circuitry, and psychological and genetic contributors to persistent pain.

Together, these perspectives aim to deliver a richer mechanistic understanding and accelerate the development of safer, precise, mechanism-based diagnostics and treatments for chronic pain conditions.

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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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