Special Issue

Advances in Brain Circuits and Sensory Information: Chronic Visceral Pain

Message from the Guest Editor

Chronic pain involving internal viscera is a significant and complex problem worldwide. Chronic visceral pain is mediated by hypersensitivity occurring within sensory pathways as a consequence of pathologies occurring in the brain–gut axis. Altered signalling within the spinal cord and brain is a key factor in facilitating the chronicity of visceral pain. Central changes also facilitate cross-organ sensitization that underlies debilitating pain and autonomic co-morbidities that are often associated with chronic visceral pain syndromes that are difficult to manage clinically. The Special Issue aims to gather contemporary findings on molecular mechanisms and circuit disruptions occurring within the spinal cord and brain, at a cellular and systems level, involved in chronic visceral pain. The issue will bring together reviews and original research articles on peripheral and central pathology affecting visceral pain signalling within brain circuits in humans and in models of chronic visceral pain, their role in facilitating visceral cross-sensitisation and autonomic dysfunction, and mechanisms that pose as potential therapeutic strategies.

Guest Editor

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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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