

Special Issue on **Neuroinflammation as a Target for Chronic Pain Treatment**

CALL FOR PAPERS

Chronic pain, such as inflammatory pain, neuropathic pain, and cancer pain, is an expression of neural plasticity that occurs in at least one in five people worldwide. Unlike acute pain, chronic pain persists, often for months or even longer. The IASP Declaration of Montreal, a document developed during the First International Pain Summit in 2010, states that access to pain management is a fundamental human right. Though chronic pain has been intensively studied for many years, effective treatment, however, is still unmet in clinical practice. Increasing evidence suggests that neuroinflammation, which is characterized by infiltration of immune cells, glial cells activation, and the subsequent release of proinflammatory and immunoactive substances such as cytokines, chemokines, growth factors, and proteases factors, both in the peripheral and the central system, is a key mechanism underlying chronic pain. Hence, targeting excessive neuroinflammation is crucial to identify new therapeutic targets.

Articles for this special issue should be high quality original research as well as review and should focus on current knowledge of the role of neuroinflammation in chronic pain, particularly molecular mechanisms, signaling molecules, and their role in the development and maintenance of chronic pain. The interactions between inflammatory mediators and immune, endocrine, and nerve system as well as management of chronic pain by targeting neuroinflammation are also solicited.

Potential topics include but are not limited to the following:

- ▶ Mediators of inflammation in neuropathic pain
- ▶ Molecular pathways of chronic pain
- ▶ Neuroinflammation and chronic pain
- ▶ Endocrine system and chronic pain
- ▶ The role of microglia, astrocytes, oligodendrocytes, and satellite glial cells in chronic pain
- ▶ Neuronal-glial and glial-glial interactions in chronic pain
- ▶ Signaling pathways as a target for the treatment of chronic pain
- ▶ Pharmacogenomics and the management of chronic pain

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/np/atcp/>.

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Manuscript Due

Friday, 25 November 2016

First Round of Reviews

Friday, 17 February 2017

Publication Date

Friday, 14 April 2017