



Molecular Signaling Pathways in Acute and Chronic Inflammation and Pain

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Deadline for manuscript
submissions:

30 November 2024

Message from the Guest Editor

Emerging research indicates that nociceptor neurons may have a significant impact on the immune response and inflammation. When exposed to noxious stimuli, nociceptors can release neuropeptides and neurotransmitters that exert potent regulatory effects on the vasculature, as well as on innate and adaptive immunity. Furthermore, these neuroimmune interactions have been observed in peripheral tissues of damage as well as in the central nervous system. Understanding the interplay between nociceptors, immune cells, and glial cells can aid in the discovery of novel mechanisms underlying inflammatory disorders, and in the development of innovative therapeutics to treat and prevent inflammatory diseases and chronic pain.

In the context of this Special Issue, we welcome submissions of original research and reviews pertaining to acute and chronic inflammation as well as pain. We specifically encourage contributions that emphasize the molecular mechanisms underlying the persistence of inflammation and pain.





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Message from the Editor-in-Chief

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