

Special Issue

Pain: From Bench to Bedside

Message from the Guest Editors

This Special Issue, "Pain: From Bench to Bedside", highlights advances in the mechanistic understanding of pain and the translation into novel therapeutic treatments. Despite significant unmet clinical needs, recent scientific discoveries have identified new targets across ion channels, neuroimmune pathways, and receptor systems, enabling the development of non-opioid analgesics and biologics. This issue will feature research on emerging therapies targeting pathways such as TRP channels, NaV channels, CGRP, glial modulation, and ascending and descending modulating pain pathways, among others. Contributions leveraging transcriptomics, proteomics, neuromodulation, and imaging to elucidate pain pathophysiology are encouraged. Submissions exploring machine learning-driven target prediction, compound screening, and structure-activity modeling are particularly welcome.

Guest Editors

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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