

Special Issue

Molecular Horizons in Pain Therapeutics

Message from the Guest Editor

This Special Issue seeks to present a comprehensive exploration of emerging interventional techniques through the lens of molecular and cellular science, highlighting how advanced therapies intersect with the biology of pain. Furthermore, this issue aims to highlight how advances in molecular diagnostics, such as transcriptomic and proteomic profiling, are paving the way for more personalized and targeted approaches in interventional pain management. Understanding how these interventions influence cellular behavior—such as the recruitment of endogenous stem cells, alteration of nociceptive signal transduction, or attenuation of pro-inflammatory microenvironments—offers promising directions for optimizing therapeutic efficacy.

Guest Editor

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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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