

## Special Issue

# Molecular Mechanisms of Pain

### Message from the Guest Editor

Thermal, mechanical and chemical painful stimuli reach the nervous system and change it. Short- as well as long-lasting pain activate both the peripheral and central nervous system components of pain transmission pathways. All these components exhibit plasticity, i.e., changes that persist. The short-term consequences of this are hyperalgesia and allodynia, while chronic pain is a long-term consequence. A huge number of molecular mechanisms have been described to explain these changes, and many of these are different between male and female subjects. New genes, old hormones, and novel drugs have recently been added to the pain modulation picture. In this Special Issue, new and old schemas will be presented to update a serious health problem.

### Guest Editor

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### Deadline for manuscript submissions

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## International Journal of Molecular Sciences

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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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