

Special Issue

Exploring Innovative Drug Delivery Systems and Pharmacological Targets for Pain and Inflammation Relief

Message from the Guest Editor

Pain is an issue of extreme relevance, being the main reason why people seek medical help. Adequate treatments for complete pain and inflammation relief are often lacking, and even the continuous use of some medications causes adverse effects that increase the patient's suffering. In addition, pain and inflammatory processes impair the life quality, in some cases causing distancing from family members and society, leading to the development of anxiety, depression and work capacity loss. Thus, discovering new analgesic and anti-inflammatory drugs and establishing more detailed knowledge of the mechanisms and signaling pathways underlying the activation of receptors involved in painful and inflammatory processes will be essential for the development of more effective and safe analgesics and anti-inflammatories for pain and inflammation control. This Special Issue aims to highlight pharmacological targets for the development of new analgesics and anti-inflammatories, underscore the signaling pathways involved in the processes, and explore new developments in drug delivery systems that would improve the analgesic and anti-inflammatory effects, among other substances.

Guest Editor

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