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Analgesic Phytochemicals and Their Medicinal Potential

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Message from the Guest Editor

Natural products have been used for healing purposes since the dawn of mankind. Knowledge about medicinal plants has evolved over the centuries, now allowing for the industrial-scale production of plant-derived drugs. Historically, phytochemicals have contributed significantly to the discovery of new analgesics, as illustrated by opioids and non-steroidal anti-inflammatory drugs, which are the basic pharmacological classes for current pain management and were developed from plant-derived compounds. In this context, the special issue "Analgesic Phytochemicals and their Medicinal Potential" invites researchers to contribute original research articles and review articles related to plant-derived analgesic compounds with potential for the drug discovery process. Topics of interest include the pharmacological characterization of phytochemicals in experimental models of pain, studies of mechanism of action, pharmacokinetic profile, adverse effects and toxicity, isolation and identification of new analgesic phytochemicals, pharmaceutical technology of analgesic phytochemicals, and clinical trials.



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