Special Issue

The Effects and Mechanisms of Phytochemicals on Pain Management and Analgesic

Message from the Guest Editor

Medicinal plants are considered an important source of new chemical substances with therapeutic effects. Therefore, research on plants with putative uses as analgesics should be focused on as a strategy to identify new analgesic drugs. Historically, medicinal plants have been used to treat and prevent diseases, and natural antioxidants have recently contributed to developing new drugs for managing chronic pain, including neuropathic pain. The aim of this Special Issue is to examine the role of phytochemicals in pain management and analgesics by analyzing their mechanisms of action, therapeutic efficacy and potential clinical use.

Guest Editor

Dr. Sara Ilari IRCCS San Raffaele Pisana, Rome, Italy

Deadline for manuscript submissions

closed (5 June 2025)



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Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. Nutrients adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of Nutrients has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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