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Effects of Natural Bioactives on Pain and Neuroinflammation

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Message from the Guest Editor

Dear Colleagues,

Neuroinflammation is an inflammatory response which takes place in the brain or spinal cord. This process is mediated by the production of cytokines, chemokines, reactive oxygen species and secondary messengers produced by resident CNS glia (microglia and astrocytes), endothelial cells, and peripherally derived immune cells. Neuroinflammation is involved in multiple pathological conditions, including pain and its transition from the acute to chronic form. Classic analgesics often fail to control pain in these patients, requiring the use of other drugs with severe side effects. Therefore, new approaches based on the administration of natural bioactives could represent a winning strategy.

The aim of this Special Issue is to collect the latest research on these topics. Therefore, original studies, narrative and systematic reviews, and meta-analyses that focus on the role of natural bioactive compounds in pain syndromes and neuroinflammation are most welcome.



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Special Issue



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