

Special Issue

Molecular Mechanisms of Anti-inflammatory Phytochemicals

Message from the Guest Editors

Inflammation is a normal biological process. However, it is becoming increasingly clear that inflammation also plays a crucial role in the development and progression of many chronic diseases, including cancer, diabetes, cardiovascular diseases, arthritis, asthma, neurodegenerative disorders, and autoimmune diseases. This provides the rationale to develop agents that can target inflammation for the prevention and treatment of chronic diseases. Phytochemicals are non-nutritive plant-derived compounds that represent a large library of bioactive molecules. Due to their diverse structures and cellular targets, phytochemicals provide broad therapeutic opportunities. This Special Issue, “Molecular Mechanisms of Anti-Inflammatory Phytochemicals” will include *in vitro*, *in vivo*, and clinical studies on the anti-inflammatory effects and molecular mechanisms of phytochemicals, including therapeutic applications in chronic diseases, modes of action, target identification, structure–activity relationships, and identification and quantification of phytochemicals from new sources.

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Deadline for manuscript submissions

closed (31 March 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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