



Anti-inflammatory Effects from Natural Bioactive Compounds—from Bench to Bedside

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Message from the Guest Editor

Dear Colleagues,

Inflammation is a response of the organism to the breakdown of tissue homeostasis. Infection, injury, autoimmune diseases, or chemicals can cause inflammation. Although conventional anti-inflammatory treatments demonstrate effectiveness in treating inflammation, their use could trigger low, mild, and severe adverse effects. The use of biopharmaceutics and natural products of animal or vegetal origin to treat inflammation is increasing worldwide and encouraging researchers to profoundly investigate the anti-inflammatory mechanisms of isolated compounds from natural sources.

Thus, this Special Issue will highlight current research exploring the anti-inflammatory mechanisms of bioproducts of natural origin (including but not limited to vegetal and animal sources), which could be investigated in several diseases using *in vivo* models or described using *in vitro* assays. Clinical assays are also welcome.

Dr. Ariane Rozza

Guest Editor





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Message from the Editor-in-Chief

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