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## Mechanisms of Dietary Plant Extracts in the Regulation of Metabolic Syndrome and Inflammatory Disorders (Volume II)

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Deadline for manuscript submissions:

**15 August 2024**

### Message from the Guest Editors

Dear Colleagues,

Several scientific studies have suggested that ingesting dietary plant extract, containing components such as polyphenol, can protect cells from excess inflammatory responses and ameliorate metabolic syndrome via regulating the inflammation-related signaling pathways and changing the gut microbiota.

We encourage the submission of manuscripts focused on addressing the roles of plant extracts or phytochemicals in the regulation of inflammation and metabolic syndrome *in vitro* or *in vivo* models, and further exploring the molecular mechanisms underlying their actions and the assessment of the impact of plant extracts or phytochemicals on metabolic syndrome, gut health, and inflammation-related disorders.

We welcome various types of manuscripts, which are relevant but not limited to the following specific themes:

The effects of polyphenols on metabolic syndrome or inflammation-related intestinal diseases;

The underlying mechanisms of the modulation of the intestinal barrier, gut microbiota, and oxidative stress;

The crosstalk among inflammation, gut microbiota, and host oxidative stress/metabolism.



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**Special** Issue



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## Message from the Editor-in-Chief

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