



Research on Natural Products for Intestinal Disorders

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Deadline for manuscript
submissions:

31 August 2024

Message from the Guest Editor

Previous studies on physiological functions derived from medicinal plants have been focused on low-molecular-weight substances such as flavonoids, carotenoids, terpenoids, and alkaloids.

In recent years, research on natural-substance-derived macromolecules (tannins, proteins, polysaccharides) has emerged. Many reports on various physiological functions, especially regarding plant-derived polysaccharides, are increasing, including stimulatory, anti-metastatic, anti-angiogenic, and intestinal immune-modulatory activities of macrophages.

A growing body of research has indicated that polysaccharides, which are macromolecules that are not digested and absorbed in the gastrointestinal tract, affect the content of short-chain fatty acids through changes in gut microbiota.

Therefore, in this Special Issue, we would like to present the latest research on the efficacy of improving intestinal-related diseases with polysaccharides or extracts derived from natural products.





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Message from the Editor-in-Chief

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