

Special Issue

Research on Natural Products for Intestinal Disorders

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.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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