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

Dr. Myoung-Sook Shin

College of Korean Medicine, Gachon University, Seongnam, Republic of Korea

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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt
Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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