

Special Issue

In Vitro Anti-inflammatory Effects of Traditionally Used Herbal Remedies

Message from the Guest Editor

Herbal remedies are traditionally adopted in various cultural areas, and phytochemicals in herbs have been extensively verified to provide health benefits including anti-inflammatory activity in vitro. Inflammation is one of the most important immune reactions protecting the body from harmful stimuli; however, prolonged and excessive inflammation induces many diseases. Controlling inflammation is an efficient way of treating the illnesses associated with chronic inflammation, and medicinal plants are recognized as one of the promising sources of novel anti-inflammatory drugs and nutraceuticals, which can overcome the adverse side effects associated with nonsteroidal anti-inflammatory drugs. Despite a long history of herbal application as anti-inflammatory remedies, systematic and scientific explorations on the related remedies have not been demonstrated so far. Thus, elucidation of the anti-inflammatory activity along with the identification of the contributing metabolites are strongly required to further the applications of herbal remedies. This Special Issue of *Plants* will highlight the biochemical and biological features of anti-inflammatory herbs and their applications.

Guest Editor

Prof. Joong-Hyuck Auh

Department of Food Science and Technology, Chung-Ang University,
Anseong 17546, Korea

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Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

plants@mdpi.com

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science, University of Manitoba, Winnipeg, MB
R3T 2N2, Canada

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