

Special Issue

Natural Compounds in Immune-Inflammatory Regulation: Mechanisms and Therapeutics

Message from the Guest Editors

Inflammation is a biological protective reaction and is closely related to immune regulation. There are many mediators for immunity, and cytokine is a very important regulator for immune reactions. Currently, cytokine storms, under the severe situation of immune imbalance, can induce them to die. Cytokine storms can occur in the final stage of inflammation and is one of the symptoms during immunity regulation. Furthermore, it is very important to highlight the relation between inflammation and immune mediators. Although many researchers have mainly concentrated on the functional studies of natural products, almost all studies were concluded after acquiring biological effects. However, it is more important to identify and analyze functional compounds and to investigate the mechanism of therapeutic actions. Through this Special Issue, the relation between inflammation and immune mediators will be illuminated and the bio-active compound analysis method for natural products will be established in order to control metabolic diseases through an in vitro system or/and in vivo.

Guest Editors

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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