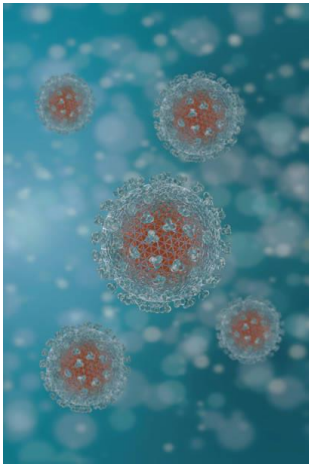




State-of-the-Art Natural Products and Immune Regulation



Guest Editor

Prof. Lei Chen

Guangdong Ocean
University, China
chenlei841114@hotmail.com

Dr. Hui Wang

Guangdong Ocean
University, China
wanghuiym123@126.com

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In recent years, natural products and immune regulation have become hot topics of great interest. Natural products refer to compounds extracted from natural resources, including individual plants, complex extracts, natural monomers, etc., which are used to improve human health in drugs, food, health products, etc. Due to their high efficiency, low toxicity, and low side effects, natural products have a wide range of application prospects. A large amount of research has shown that natural products can play an important role in the treatment of immune-related diseases by regulating the activity of immune cells. Immune regulation, as a method of treating immune-related diseases, has a very complex molecular mechanism, including cytokines, immune cells, immune molecules, and other factors. Inflammation, tumors, autoimmune diseases, and other fields have become important therapeutic methods for immune regulation. This special issue aims to introduce the latest research progress in natural products and immune regulation, as well as their application in the treatment of immune-related diseases.

This special issue accepts various types of manuscripts, including clinical research, reviews, meta-analyses, and experimental studies. The following sub-topics will be included but is not limited to:

Research on the extraction, purification, and structure identification of natural products;
The application of natural products in immune regulation;
The application of natural products in the treatment of immune-related diseases;
The molecular mechanism of immune regulation.

Keywords: natural products; immune regulation; immune-related diseases; molecular mechanism