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Modulation of the Immune and Inflammatory Responses by Bioactive Food Compounds

Guest Editor:

Prof. Dr. Ronaldo Vagner Thomatieli-Santos

Department of Biosciences,
Universidade Federal de São
Paulo, Santos, SP, Brazil

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Message from the Guest Editor

Dear Colleagues,

Immunometabolism is an emerging field of biomedical research that seeks to understand the interaction between immunology and metabolism with a strong emphasis on the role of nutrients. Growing evidence suggests that the nutrients from food and metabolites interact with metabolic pathways in the cells of the immune system and play a central role in their functional plasticity. In this context, the interest to understand how food and nutrients, including bioactive food compounds, can play an immunomodulatory and therapeutic role, contributing to the prevention and treatment of diseases, notably inflammatory ones, has increased.

Prof. Dr. Ronaldo Vagner Thomatieli-Santos
Guest Editor



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Prof. Dr. Arun K. Bhunia

1. Department of Food Science,
Purdue University, West
Lafayette, IN, USA

2. Department of Comparative
Pathobiology (Courtesy), Purdue
University, West Lafayette, IN,
USA

Message from the Editor-in-Chief

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Foods
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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