# **Special Issue**

## Bioactive Nutrients, Immunity and Inflammation

## Message from the Guest Editor

Immunity and inflammation play critical roles, not only in defense against external insults, but also etiology and progression of diseases, such as obesity, diabetes, cardiovascular diseases and cancers. A role for nutrition in modulation of diseases is well documented, but the precise active components in diet, as well as mechanisms of action, remain unclear. It is possible that nutritional modulation of immune and inflammation may be an important mechanism by which diet or dietderived compounds exert their health promoting, disease preventive effects. We invite the researchers to contribute original and review articles regarding the relationship between nutrition, immunity and inflammation. We stress that for in vitro and animal work the focus should be on physiologically achievable concentration of bioactive and not pharmacological dosage. We also welcome articles deal with individual differences and system approaches that is consistent with current emphasis on precision and individualized health care.

### Guest Editor

Dr. Thomas T. Y. Wang Diet, Genomics and Immunology Laboratory, Beltsville Human Nutrition Research Center, USDA-ARS, Beltsville, MD 20705, USA

## Deadline for manuscript submissions

closed (15 December 2018)



# International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 8.1 Indexed in PubMed



mdpi.com/si/16584

International Journal of Molecular Sciences MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 ijms@mdpi.com

mdpi.com/journal/ ijms





## International Journal of Molecular Sciences

an Open Access Journal by MDPI

Impact Factor 4.9 CiteScore 8.1 Indexed in PubMed





## About the Journal

### 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.

#### Editor-in-Chief

#### Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

### **Author Benefits**

#### **Open Access:**

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### **High Visibility:**

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)