

Special Issue

Probiotics in Immunity and Inflammation

Message from the Guest Editor

In recent years, probiotics have stood out in the treatment of various inflammatory diseases and changes in the immune response. This fact is due to the discovery that the intestinal microbiota are capable of modulating the inflammatory response in organs far from the gastrointestinal tract, including the lungs. Despite the beneficial effects of some probiotics on allergic asthma and chronic obstructive pulmonary disease (COPD), the mechanisms of action of probiotics in the storm of inflammatory cytokines and in the dysregulation of the immune response in chronic pulmonary diseases still remain poorly explored. For this reason, studies that investigate the cell signaling responsible for the beneficial effect of probiotics on chronic lung inflammation deserve to be highlighted.

Guest Editor

Dr. Flávio Aimbire Soares de Carvalho

Institute of Science and Technology, Federal University of São Paulo,
São José dos Campos 12231-280, Brazil

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Nutrients
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nutrients@mdpi.com

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Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

Editors-in-Chief

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1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (UIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

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