



nutrients



an Open Access Journal by MDPI

Effects of Probiotics on Inflammation and Health Outcomes

Guest Editors:

Dr. Zhengyuan Zhai

Prof. Dr. Yanling Hao

Prof. Dr. Huaxi Yi

Deadline for manuscript
submissions:
closed (25 January 2024)

Message from the Guest Editors

Dear Colleagues,

Probiotics are live microorganisms that, when consumed in adequate amounts, offer a variety of health benefits. Recent research has shown that probiotics have anti-inflammatory effects and can improve health outcomes in several ways. Inflammation is a normal immune response to infection or injury. However, chronic inflammation can lead to a variety of health problems, such as cardiovascular disease, diabetes, and inflammatory bowel disease. Probiotics have been shown to modulate the immune system and reduce inflammation in a number of ways, including by decreasing the production of pro-inflammatory cytokines and increasing the production of anti-inflammatory cytokines.

The purpose of this Special Issue is to collect original research manuscripts and reviews on the effects of probiotics on inflammation and health outcomes. The articles in this issue cover a range of topics, including the use of probiotics in the prevention and treatment of inflammatory bowel disease, the effects of probiotics on gut microbiota and metabolic health, and the potential use of probiotics in the prevention and treatment of other inflammatory diseases.



mdpi.com/si/171663

Special *Issue*



an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

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 (IUIBS), 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

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, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Food Science)

Contact Us

Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/nutrients
nutrients@mdpi.com
X@Nutrients_MDPI