



nutrients



an Open Access Journal by MDPI

The Role of Gut Microbiome in Host Immunity

Guest Editor:

Dr. Cuixiang Wan

1. Sino-German Joint Research Institute, Nanchang University, Nanchang 330047, China
2. State Key Laboratory of Food Science and Technology, Nanchang University, Nanchang 330047, China

Deadline for manuscript submissions:

closed (20 February 2023)

Message from the Guest Editor

Dear Colleagues,

Gut microbial communities participate in role aspects of host biology, including development, nutrient absorption, immunity, and disease. Probiotics, which can regulate the balance of intestinal flora, promote intestinal epithelial barrier functions, increase an anti-inflammatory response, and contribute to the host's overall health, are used all over the world. However, the main mechanisms by which probiotic microorganisms can interact with the host are still not clear. In this regard, any studies on prebiotics and probiotics, gastrointestinal disorders, gut microbiota, host immunity, mucosa barrier, or other related fields, which aim to make a contribution to the role of gut microbiome in host immunity, are welcomed for this Special Issue.

Dr. Cuixiang Wan
Guest Editor



mdpi.com/si/110775

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 (Nutrition and Dietetics)

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