



Connection between Microbiome, Lifestyle and Diet

Collection Editors:

Dr. Eva Untersmayr

Institute of Pathophysiology and Allergy Research, Center for Pathophysiology, Infectiology and Immunology, Medical University of Vienna, A-1090 Vienna, Austria

Dr. Peter M. Abuja

D&R Institute of Pathology, Medical University of Graz, MedCampus, A-8010 Graz, Austria

Message from the Collection Editors

Over the past 10 years, microbiome research has yielded tremendous insights into the composition of the gut microbiome and has identified possible associations between the gut microbiome and several nutrition- and/or lifestyle-related diseases. A growing body of evidence suggests that the intestinal microbiome modulates the risk of several chronic diseases. Dietary habits and nutrient composition influence the chronic disease risk and modulate the composition and function of the gut microbiome. However, detailed knowledge on the relationship between the diet, the microbiome, and chronic disease risk is still limited. Many confounding factors influence the associations of the gut microbiome with disease and require large study groups to determine a more direct relation. Through this Special Issue, we aim to provide a collection of authoritative updates on the association between health, nutrition and the body's microbiota, which represents a rapidly developing field, addressing the topic from multiple aspects and involving scientists specialized in different fields of health- or disease-associated microbiology, immunology and nutrition research.





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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

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Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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