



The Role of Microbiota in Wellness and Target Therapy: Molecular and Mechanistic Insights

Guest Editors:

Prof. Dr. Raffaele Capasso

Department of Agricultural
Sciences, University of Naples
Federico II, 80055 Portici, Italy

Dr. Giovanni Sarnelli

Department of Clinical Medicine
and Surgery, University of Naples
Federico II, 80131 Naples, Italy

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Message from the Guest Editors

Dear Colleagues,

In recent years, knowledge about the composition and role of human microbiota has enormously increased. It has become clear that human microbiota is a complex community of bacteria, viruses, and fungi that plays a key role in maintaining health, and that its alteration, named dysbiosis, is involved in different communicable and noncommunicable diseases.

Gut microbiota is responsible for the fermentation of nondigestible fibers, resulting in the production of short chain fatty acids, nutrients further contributing to host energy production, metabolism, and immunity. Different external factors, including diet, physical activity, stress, drugs, and geographic environment may influence gut microbiota composition and functions.

This Special Issue will highlight recent research on the role of intestinal microbiota in wellbeing and will explore target therapies by focusing on potential molecular mechanisms.

Prof. Dr. Raffaele Capasso

Dr. Giovanni Sarnelli

Guest Editors





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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

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*International Journal of Molecular
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MDPI, St. Alban-Anlage 66
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