Special Issue

Gut Microbiota Diversity Relates to Lifestyle

Message from the Guest Editors

Higher microbiota diversity is associated with a healthier state. Microbial communities with greater diversity are more stable, resistant to pathogenic invasions and shows greater functionality, resulting in host health benefits. Lifestyle significantly determines the gut microbiota community conformation and functionality: nutrition (macronutrient intake, fiber, processed food consumption), physical activity, environment and the use of antibiotics and drugs are some of the factors that determine gut microbiota diversity. For this Special Issue, "Gut Microbiota Diversity Relates to Lifestyle" we invite you to send contributions about factors related to lifestyle that shape microbiota diversity, impact in microbiota functionality and underlying mechanisms that could be involved in its stability.

Guest Editors

Dr. Mar Larrosa

Food, Microbiota and Health Group, Department of Pharmacy and Biotechnology, Faculty of Biosciences, Universidad Europea de Madrid, c/Tajo s/n Villaviciosa de Odón, 28670 Madrid, Spain

Dr. Rocío González-Soltero

Faculty of Biomedical and Health Sciences, Universidad Europea de Madrid, Madrid, Spain

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

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"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

Dr. Nico Jehmlich
Department of Molecular Toxicology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

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