

Special Issue

Gut Microbiome and Health

Message from the Guest Editors

The gut microbiome has been implicated in the pathology of several diseases, from in utero to senescence. During childhood, alterations in gut microbiome diversity have been found in diseases, such as asthma, allergy, autoimmune diseases, inflammatory bowel disease, and obesity. In poverty associated undernutrition, environmental enteric dysfunction is associated with abnormal gut function and alterations in the gut microbiome and inflammation are proposed as underpinning mechanisms. In adulthood, the microbiome has been associated with the causes and prevention of many chronic diseases including heart disease, obesity and cancer, as well as decline in cognitive function and other brain disorders. This Special Issue seeks papers on the gut microbiome, including those on the impact of diet and environmental conditions related to public health at all stages of the life cycle. Epidemiological and mechanistic studies will be considered. High-quality narrative and systematic reviews will be also considered.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Scientific discoveries and advances in this research field play a critical role in providing a rational basis for informed decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards.

IJERPH provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality peer-reviewed journal.

Editor-in-Chief

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