

Special Issue

Diet, Gut Microbiota and Neuropsychiatric Diseases

Message from the Guest Editors

Recently, there has been much interest in the role of microbiota changes in the pathophysiology of civilization diseases. The gastrointestinal tract holds the densest microbial community that plays critical roles in the function and development of several physiological processes. Our microbiota may be modulated by many circumstances, especially diet.

Intestinal microbiota can influence central nervous system function. The diversity of the gut microbiota has appeared to play a significant role in the occurrence of mood and anxiety disorders, schizophrenia, or neurodegenerative disorders. There is increased evidence that an aberrant microbiota may bidirectionally relate to intestinal permeability, chronic inflammation, and oxidative stress exacerbation in tissues.

This Special Issue will eagerly accept papers on the complex relationship between diet, microbiota, and neuropsychiatric diseases. We will willingly consider manuscripts explaining the mechanisms behind the influence of specific diet components or special diet regimens on the occurrence and severity level of neuropsychiatric diseases.

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Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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