Special Issue

The Effect of Nutrition Interventions on Neuropsychiatric Diseases

Message from the Guest Editors

The role of diet and nutrition is important for human brain health, and continues to stimulate a growing number of publications. The goal of this Special Issue is to present the effects of dietary interventions on neuropsychiatric disorders such as dementia, depression, schizophrenia, bipolar disorder, attention deficit hyperactivity disorder, and cognitive impairment, in addition to general cognition and mental health throughout one's lifespan. In addition, methods papers describing novel new dietary intervention concepts are desired. Underlying pathophysiological mechanisms and biomarkers, including those present in the blood, gut, and other biological tissues, may be proposed. For example, the gut-brain axis, which refers to the bidirectional communication between the gut microbiota and the central nervous system, is an emerging area of research that may provide insights into how diet and nutrition influence brain health. We welcome studies involving underrepresented communities and investigating race, gender identity, cultural determinants, and environments that shape dietary habits and access to nutritious foods, thereby influencing brain health disparities.

Guest Editors

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Deadline for manuscript submissions

closed (5 June 2025)



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About the Journal

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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