

Special Issue

Diet and Microbiota-Gut-Brain Axis in Neurodegenerative Diseases

Message from the Guest Editors

Neurodegenerative diseases are becoming an increasing social and economic burden for both patients and communities. Finding the causes and novel treatment options for these diseases is of great importance. Recently, considerable attention has been paid to the role of the gut-microbiota axis in the pathophysiology and treatment of neurodegenerative disease. The gut-microbiota communicate with the brain through neuroanatomical pathways, neuroimmunological, neuroendocrine, or metabolic pathways, and evidence shows that dysregulation of the gut-microbiota axis may contribute to the development of neurodegenerative diseases. Consequently, modification of the gut microbiota through diet and nutrition may open up new avenues for the management of neurodegenerative diseases. This Special Issue will collect original research articles and review papers (systematic reviews and meta-analyses) on the relationship between the gut-microbiota-brain axis and neurodegenerative diseases with a special emphasis on investigations describing the effects of diet and nutrients on symptoms, risk, and pathophysiological aspects of neurodegenerative 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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