

Special Issue

Dietary and Non-dietary Modulators of Cognitive Function

Message from the Guest Editor

This Special Issue focuses on factors that modulate brain function and may have the potential of influencing its functions in the long run. On the one hand, the brain depends on a steady and sufficient supply of oxygen and dietary ingredients for proper functioning. On the other hand, genetic predispositions and epigenetic and environmental factors may influence brain development and functioning. The goal of this Special Issue is to showcase state-of-the-art contributions discussing the role of cues that are implicated in cognitive functions. Mechanistic as well as epidemiological studies *in vitro*, *in vivo*, and on human subjects will be considered for publication. We encourage the submission of original research articles, reviews, and meta-analyses. Potential topics may include but are not limited to the nervous system, neurogenesis, mechanisms of cognitive function, brain development, brain aging, microbiome and brain, genetic modifications, genetic engineering, polymorphisms, age-related brain dysfunction, dietary bioactives, malnutrition, nutrition and chronic conditions, genetic predisposition, metabolism, and omics.

Guest Editor

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Deadline for manuscript submissions

closed (12 January 2023)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/97347

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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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