

Special Issue

The Impact of Folate and Vitamin B on Brain Health and Disease

Message from the Guest Editor

Vitamin B is an essential water-soluble vitamin that performs multiple molecular and cellular functions for brain health. This group of vitamins has many forms, each with diverse benefits. Accumulating evidence indicates a strong association between vitamin B and cognitive function. However, the molecular and cellular mechanisms by which vitamin B preserves brain function are not fully understood. Here, we aim to present current knowledge and novel findings on how various forms of vitamin B aid brain health. The effects of vitamin B on multiple brain cells, including neurons, astrocytes, microglia, oligodendrocytes, and cerebrovasculature, will be discussed. The latest insights and protective mechanisms from each form of vitamin B in aging and several neurodegenerative disorders will be presented.

Guest Editor

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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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