

Special Issue

The Role of Vitamin D in Neurological Disorders: From Mechanisms to Therapeutics

Message from the Guest Editor

In recent years, vitamin D has attracted attention for its diverse functions beyond its effects on calcium–phosphorus metabolism. Vitamin D affects the nervous system in multiple ways, exerting neuroprotective effects. Notably, it has antioxidant, anti-inflammatory, pro-neurogenic, and neuromodulatory properties. A deficiency in this vitamin is associated with an increased risk of developing neurological diseases. This Special Issue aims to explore the multifaceted role of vitamin D in the context of neurological and psychiatric conditions, including its underlying mechanisms, clinical relevance, and therapeutic potential. We especially welcome research articles and reviews that deal with mechanistic studies on how vitamin D influences brain function at the molecular, cellular, or systems level. Additionally, we welcome studies, including meta-analyses, that address the nutritional aspects of vitamin D, including dietary intake, status assessment, and nutritional interventions in the context of neurological disorders, as these contribute to our understanding of the clinical and preventive potential of vitamin D in these conditions.

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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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