

## Special Issue

# The Ketogenic Diet in the Management of Adult Neurological Disorders: Physiological Adaptation Mechanisms

### Message from the Guest Editors

The ketogenic diet has been re-evaluated in recent years and has been proposed as an effective nonpharmacological intervention in several neurological conditions such as Alzheimer's, Parkinson's, and Multiple Sclerosis. Nutritional therapy is becoming a useful adjunct for improving disease progression. However, to date, the complex relationship between the effects of the ketogenic diet and the pathophysiological mechanisms of neurodegenerative and autoinflammatory neurological diseases, as well as its clinical relevance, is still lacking strong evidence. The purpose of this Special Issue is to provide an insight into the mechanisms of neuromodulation and neuroprotection that develop when a ketogenic diet regimen is applied and that can be considered to be improving the management of neurological disorders. Both mechanistic and clinical interventional works, as well as reviews, are welcome. The Special Issue will also focus on the nutrition–microbiome and neuroprotection axis to take stock of the qualitative and quantitative aspects of the ketogenic diet that cannot be overlooked when evaluating beneficial neurological effects.

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### Deadline for manuscript submissions

closed (25 August 2024)



## Nutrients

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Impact Factor 5.0  
CiteScore 9.1  
Indexed in PubMed



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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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