

## Special Issue

# Effects of Dietary Protein and Polysaccharide Fortification on Disease

### Message from the Guest Editors

Proteins and polysaccharides are kinds of versatile natural macromolecules that are ubiquitous in the biosphere, whose biological effects are either structure-, protective- or storage-related. These bioactive nutrients modulate transcription factors involved in inflammation and oxidative stress, mitigate mitochondrial dysfunction, act as senolytics and impact the epigenome by altering metabolism. As a consequent, tailored diet fortified with protein and polysaccharide has been developed to ameliorate a wide array of diseases, such as metabolic disease, cardiovascular disease, intestinal disease, and neurodegenerative disease. This Special Issue of *Nutrients*, entitled “Effects of dietary protein and polysaccharide fortification on disease” aims to be an interdisciplinary platform that covers all beneficial aspects related to proteins or polysaccharides. We invite well-designed research articles, reviews, as well as meta-analysis studies that addressing the development, modulation and characterization of new dietary strategy with bioactive protein and polysaccharide fortification for the treatment of various disorders and their complications.

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### Deadline for manuscript submissions

closed (15 May 2023)



## Nutrients

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## About the Journal

### 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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