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Effects of Dietary Protein and Polysaccharide Fortification on Disease

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Deadline for manuscript submissions:

closed (15 May 2023)

Message from the Guest Editors

Dear Colleagues,

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.



mdpi.com/si/89590

Special Issue



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Journal Rank: JCR - Q1 (*Nutrition & Dietetics*) / CiteScore - Q1 (*Nutrition and Dietetics*)

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