



Effects of Dietary Protein and Polysaccharide Fortification on Disease

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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.





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