

Special Issue

Precision Nutrition and Diabetes Mellitus

Message from the Guest Editor

Diabetes and its associated risk factors are a major public health concern. The emerging field of precision nutrition aims at developing nutrition recommendations based on an individual's genomics profiles, including their genetic background, gut microbiome, metabolomics, and other omics, as well as their medical history and various environmental exposures such as diet, physical activity, or other lifestyle habits. Thus, precision nutrition may offer a novel approach to tailor the prevention and treatment of diabetes and its associated risk factors; however, more research is needed. In this Special Issue, we are inviting authors to contribute original research and reviews that examine gene–nutrients interactions, microbiome, metabolome and metabolic responses to specific foods or dietary patterns to determine the most effective eating plan to prevent or treat diabetes risk factors. The Special Issue also welcomes research that seeks to examine if precision nutrition interventions are more effective than traditional diabetes nutrition education therapies.

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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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