

Special Issue

Precision Nutrition: Better Strategies for Research and Practice Aimed at Prevention and Management of Complex, Common, Chronic Diseases

Message from the Guest Editor

Global health research and practice initiatives are now aimed at elucidating fundamental knowledge for explaining individual variations in human nutrient status for the purposes of enhancing health and reducing illness. This effort will require innovative research strategies and applications of rational, targeted preventive and therapeutic interventions guided by the precision nutrition paradigm. In this issue of *Nutrients*, we welcome original research and reviews advancing knowledge linking the integrated roles of genetics, age and gender to actions of nutrients in pathogenesis and of common, chronic complex disease. Potential topics include, but are not limited to, the following:

- National initiatives to support development of informative, feasible and sustainable advances in the field of precision nutrition;
- Features of sound research designs necessary for biologically plausible and unequivocal inference in the field of precision nutrition;
- Role of ethnographic and epidemiologic analyses in advancing inquiry and inference precision nutrition;
- Normal aging and age-related pathophysiology in practice of precision nutrition.

Guest Editor

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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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