

Special Issue

Amino Acid Nutrition and Metabolism in Health and Disease

Message from the Guest Editor

Dear colleagues, This Special Issue of *Nutrients*, entitled “Amino Acid Nutrition and Metabolism in Health and Disease”, welcomes the submission either describing original research or reviewing the scientific literature. Manuscripts should focus on amino acid nutrition particularly as it influences particular life-stage phenotypes/outcomes, as well as certain diseases such as the major modern chronic diseases such as type 2 diabetes, cardiovascular disease, neurodegeneration, and even cancer. Topics must have a clear focus on amino acid nutrition and metabolism. Potential topics may include, but are not limited to, the following:

- Cellular signalling mechanisms in amino acid nutrition and metabolism
- The role of amino acid transport and metabolism in metabolic control
- Hormonal mechanisms linking amino acid nutrition and related phenotypes
- Inter-organ and/or tissue niche-amino-acid metabolism
- Amino acid nutrition and metabolism, developmental programming, and epigenomics
- Amino acid nutrition and metabolism in ageing and age-related diseases
- Amino acid nutrition, gastrointestinal health, and gut microbiome

Dr. Adam J. Rose

Guest Editor

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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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