



Amino Acid Nutrition and Metabolism in Health and Disease

Guest Editor:

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Deadline for manuscript submissions:

closed (31 July 2019)

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





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