

Special Issue

The Impact of Micronutrients on Kidney Disease

Message from the Guest Editors

Inorganic compounds can induce functional disorders and have important implications for the morbidity of patients with kidney diseases. Abnormalities in the concentrations of trace elements are linked to uremic symptoms. Vitamins are also involved in many alterations in patients with kidney diseases. Another critical topic is the exposure to toxic elements (air, water or contaminated food) linked to kidney dysfunction. Additionally, a crucial topic that should be discussed in the renal nutrition field is the gut microbiota and the interaction with trace elements and vitamins that is not well understood and raises essential questions about oral iron supplementation, the impact of zinc, multivitamin supplementation and also heavy metals in the gut microbiota.

The current Special Issue aims to discuss the role of micronutrients in kidney diseases. The Special Issue welcomes original research and reviewson topics involving trace elements and vitamins and their association with inflammation, oxidative stress, the gut microbiota, premature aging and mitochondrial dysfunction in kidney diseases.

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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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