Special Issue

Protein Diet and Keto-Analogues in Chronic Kidney Disease

Message from the Guest Editor

Chronic kidney disease (CKD) is a major global health concern due to its high morbidity, cardiovascular mortality, and growing demand for renal replacement therapy (RRT), projected to reach 4 million patients worldwide in the next decade. Nutritional therapy remains a key strategy in CKD management, aiming to delay dialysis, reduce uremic toxicity, and improve metabolic balance. A low-protein diet (LPD), especially when supplemented with keto-analogues, is effective in managing complications such as mineral disorders, anemia, and acidosis, while helping preserve muscle mass. This approach may also support incremental dialysis strategies in patients with residual kidney function, offering benefits such as reduced treatment burden and improved quality of life. This Special Issue of Nutrients invites research on protein intake and ketoanalogue use in CKD, from early stages to dialysis and transplant populations, to help advance personalized, nutrition-based care in nephrology.

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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