

## Special Issue

# Effects of Diet and Nutrition on Chronic Kidney Disease (CKD) – "Greedy Kidney" in Health and Diseases

### Message from the Guest Editors

The kidney is sometimes referred as an "aging clock", since a decline in kidney function faithfully reflects the aging of the whole body. The kidney is one of the most metabolically active organs. The renal proximal tubules are rich in mitochondria and are engaged in the re-absorption of nutrients and minerals, which requires a lot of ATP. When we consume a large amount of nutrients, the kidney functions to retain them within the body as much as possible.

We welcome any papers related to this Special Issue in the following aspects:

The mechanism/pathophysiology of CKD from nutritional and metabolic perspectives;  
The nutri-genomics of CKD;  
Dysbiosis and CKD;  
Gastrointestinal symptoms, including constipation and CKD/cardiovascular events;  
The significance of nutrition in the relationship between frailty, sarcopenia, and CKD;  
Evidence related to nutritional interventions, including dietary fibers or plant-dominant low-protein diet.

### Guest Editors

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### Deadline for manuscript submissions

5 June 2025



## Nutrients

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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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### Editors-in-Chief

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