



Bioactive and Uremic Toxins in Chronic Kidney Disease

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Message from the Guest Editors

Chronic kidney disease (CKD) is a significant clinical and public health problem because it is associated with an increased risk of CKD-associated complications, hospitalization, and death. The prevalence of CKD continues to expand worldwide, and the morbidity and health care costs associated with CKD impacts health care costs across the globe. While much effort has gone into understanding the pathogenesis of CKD, progress on therapeutic options to prevent, or attenuate, the progression of renal dysfunction has been much slower.

Dietary contents and their metabolites are known to be closely related to CKD progression. Accumulation of uremic retention solutes has been observed in patients with CKD and these retained solutes, called uremic toxins, contribute to uremic syndrome. Nowadays a great interest regards the diet and the nutrition in CKD and evidences suggest the positive role of these aspects in managing these patients.

The aim of this Special Issue is to provide an updated point of view about the uremic toxins control and the bioactive, as natural nutraceuticals and dietary supplements, useful for CKD patients.





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Message from the Editor-in-Chief

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