



Relevant Nutritional, Biochemical and Molecular Disorders in CKD

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Message from the Guest Editors

Chronic kidney disease (CKD) has become one of the main public health problems because of demographic aging. Several aspects of great relevance in CKD will be included in this Special Issue of *Nutrients*, starting with the importance of the nutritional support in children with CKD and the overall benefits of working with a dietitian. Critical aspects in current CKD management, such as the dietary patterns in relationship with potassium, magnesium, vitamin D, and antioxidants, will be discussed.

Metabolic and vascular disorders, inflammation, regulation by miRNAs, the microbiota, intestinal hormones, short chain fatty acids, molecules derived from adipose tissue, bariatric surgery, the association with the bone and vascular axis, malnutrition, inflammation and atherosclerosis (MIA) syndrome, the impact of malnutrition on cognitive impairment, the relationship between serum albumin levels and mortality, and the role of diabetes and kidney transplantation in bone and vessel health will be discussed. The topics will be addressed keeping a translational perspective.





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