



Prebiotics, Probiotics and Nutrients in Cardiovascular and Kidney Disease

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Message from the Guest Editors

Emerging evidence suggests the important role of gut microbiota in the development and progression of cardiovascular disease (CVD) and chronic kidney disease (CKD). Meanwhile, recent investigations have demonstrated the potential positive effect of different prebiotics, probiotic strains, or nutrients on the pathogenic mechanisms involved in CVD and CKD, including modulation of inflammatory and immune responses, decrement of uremic toxins, and enhancement of the intestinal barrier function, in addition to a beneficial impact on gut homeostasis and dysbiosis.

This Special Issue of *Nutrients*, entitled “Prebiotics, Probiotics and Nutrients in Cardiovascular and Kidney Disease”, welcomes original research or reviews on the current state of research. Submissions may include (but are not limited to) the following topics:

- The role of prebiotics and probiotics in the development and progression of CVD and CKD.
- The effects of specific dietary intake on gut microbiota change, and their potential beneficial effects on cardiovascular and kidney health.
- Reviews on the impact of prebiotics, probiotics, and nutrients in cardiovascular and kidney disease.





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