

## Special Issue

# Advances in the Diagnosis, Treatment and Prognosis of Chronic Kidney Disease

### Message from the Guest Editors

Chronic kidney disease (CKD), which impacts more than 840 million individuals worldwide, is a strong risk factor for many adverse outcomes, especially cardiovascular disorders and mortality, particularly among patients with diabetes and hypertension. Chronic kidney disease is a complex condition, and there is a need to reflect on the advances of the pathophysiology, etiology, and treatment of the condition. Clinical practice and future research efforts would greatly benefit from an endeavor to summarize the many recent advances in the field. In this Issue, we will present a series of papers that highlights the complexity of CKD, and chart a path forward for investigating and more effectively managing the condition. We are seeking original research articles on CKD (particularly in people with diabetes and hypertension), presenting novel advances of the following, but not limited to:

- Recent developments of the pathophysiology/etiology of CKD;
- Exploring early prediction and detection of CKD and advances in the therapies used to address CKD;
- The impact of technological developments in the management of glycaemia and blood pressure and the effects on CKD.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 March 2024)



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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