

## Special Issue

# Chronic Kidney Disease (CKD) Studies on Humans and Animals

### Message from the Guest Editor

The noted increase in the number of patients with chronic kidney disease (CKD) is one of the biggest health problems in the world today. CKD is a risk factor not only for requirement of renal replacement therapy, but also for worse prognosis owing to CKD-related systemic disease. Kidney damage is induced by diabetes, hypertension, etc., and CKD-specific risk factors, including uremic toxins accelerate systemic disease, such as atherosclerosis, vascular calcification, and immunological disorders. Animal studies have shown the clear effect of uremic toxins on CKD and cardiovascular disease; however, recent clinical studies have produced controversial results on this topic. Thus, the next step is to fill the gap between basic and clinical research in CKD and its related diseases. This Special Issue is titled 'Chronic Kidney Disease (CKD) Studies on Humans and Animals' focusing on understanding the pathophysiology of CKD and its related systemic disease. Both basic and clinical studies are welcomed, and we can discuss future tasks to prevent progression of CKD and its related systemic disease.

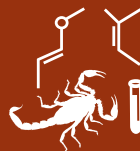
### Guest Editor

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### Deadline for manuscript submissions

closed (31 May 2021)



## Toxins

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### Message from the Editor-in-Chief

Toxinology is an incredibly diverse area of study, ranging from field surveys of environmental toxins to the study of toxin action at the molecular level. The editorial board and staff of *Toxins* are dedicated to providing a timely, peer-reviewed outlet for exciting, innovative primary research articles and concise, informative reviews from investigators in the myriad of disciplines contributing to our knowledge on toxins. We are committed to meeting the needs of the toxin research community by offering useful and timely reviews of all manuscripts submitted. Please consider *Toxins* when submitting your work for publication.

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### Editor-in-Chief

Prof. Dr. Jay Fox

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