# Special Issue

## New Strategies for the Reduction of Uremic Toxins

### Message from the Guest Editor

The accumulation of organic waste products, i.e., so-called uremic toxins, that are normally cleared by the kidneys characterizes chronic kidney disease (CKD). First of all, along with a number of known and unknown toxic metabolites, urea have the potential to dysregulate cellular functions in kidney and other organs when patients suffer from an illness known as uremia. It is increasingly evident that uremic toxins influence nontraditional risk factors, such as inflammation and endothelial dysfunction, contributing to cardiovascular (CV) damage in CKD. Particularly, protein-bound uremic toxins seem to play an increasing role in the incidence of CV disease in CKD, as well as in blood pressure regulation and hypertension. Strategies aimed at lowering uremic toxins are strongly desirable, in order to reach clinical benefit in terms of slowing the progression of CKD and preventing CV disease.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 January 2021)

**Toxins**

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# About the Journal

## 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.

## Editor-in-Chief

Prof. Dr. Jay Fox
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