

Special Issue

The Intestine and Uremia

Message from the Guest Editor

The interaction between the host and the intestinal microbiota has recently been a focus of increasing interest. In chronic kidney disease (CKD), the interaction is bidirectional, while uremia affects both the composition and the metabolism of the intestinal microbiota, important uremic toxins are generated by the microbial metabolism. In addition, intestinal dysbiosis leads to a disruption of the intestinal barrier function, contributing to inflammation. In order to be able to target these, and other, intestinally generated toxins, a better characterization of the intestinal microbial profile in CKD is needed. The focus of this Special Issue of *Toxins* will be on the gut-kidney axis in all its aspects: intestinal microbiome profiling, intestinally generated uremic toxins, confounding factors for a CKD population, possible interventions trying to decrease generation of toxins and this with the aim to decrease inflammation and to improve outcome of CKD patients.

Guest Editor

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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

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