



The Intestine and Uremia

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 June 2018)

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.





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Message from the Editor-in-Chief

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