Special Issue

Uremic Toxins and Drugs

Message from the Guest Editors

Uremic toxins have been classified into three classes depending on molecular weight and protein binding: small water-soluble molecules, middle molecules, and protein bound molecules. Several groups of authors have shown that high serum levels of a variety of uremic toxins are associated with mortality and cardiovascular and renal events. Thus, these toxins are potential therapeutic targets. Research on pharmacological treatment to reduce uremic toxins levels or prevent their deleterious effects are crucial.

In addition to direct tissue toxicity, their negative impact could also result from changes in the pharmacokinetic/pharmacodynamic activity of numerous drugs. Recent data have also suggested a potential impact of drugs on levels of uremic toxins.

The focus of this Special Issue of Toxins will include original research articles and reviews on uremic toxins and drugs that could present two different aspects: i) pharmacological tools to reduce uremic toxins levels or prevent their deleterious effects and ii) potential interactions between uremic toxins and drugs.

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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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