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Nephrotoxicity Induced by Drugs and Chemicals in the Environment

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Message from the Guest Editors

The kidney is an organ with multiple functions. Kidneys are important for maintaining water and electrolyte balance and the excretion of endogenous and exogenous compounds, and also perform multiple essential endocrine functions. Unfortunately, the kidney is the target for toxicity induced by a wide range of chemicals or their metabolites. Being a rapidly perfused organ, the kidney is exposed to significant amounts of blood-borne toxicants, which can induce toxicity to the kidney through many different mechanisms. Identifying potential nephrotoxic chemicals and understanding safe and nephrotoxic levels of those chemicals, their mechanisms of toxicity, and potential measures to reduce their toxic effects is critical to reducing the harmful effects of these agents on renal function in humans and other organisms.

This Special Issue will provide recent advances in understanding the nephrotoxic properties and mechanisms of toxicity induced by drugs and non-therapeutic chemicals (environmental pollutants and natural products).



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Special Issue



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Message from the Editor-in-Chief

Toxics (ISSN 2305-6304) is an international, peer-reviewed, open access journal which provides an advanced forum for studies related to all aspects of toxic chemicals and materials. We aim to publish high quality work that furthers our understanding of the exposure, effects, and risks of chemicals and materials in humans and the natural environment as well as approaches to assess and/or manage the toxicological and ecotoxicological risks of chemicals and materials. Please consider publishing in *Toxics* when preparing your next paper.

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