

Special Issue

Pharmacokinetics of Drugs and Dosing in Kidney Disease

Message from the Guest Editors

The *Pharmacy* journal invites academicians, researchers, and clinicians to send abstracts for this Special Issue related to the pharmacokinetics of drugs and drug dosing in acute kidney injury (AKI), chronic kidney disease (CKD), and patients receiving renal replacement therapy (RRT). The abstract is due in July and selected authors will be invited to submit the manuscript. Chronic kidney disease prevalence is increasing worldwide. Kidney disease influences not only drug elimination (i.e., renal and non-renal) but also pharmacokinetic parameters involved in drug disposition (e.g., absorption, distribution, and transport). Drug dosing in the setting of AKI is complicated by several factors such as pharmacokinetic changes, inaccuracy of renal estimating equations, lack of therapeutic drug monitoring capability for most drugs, and use of extracorporeal renal replacement. Drug dosing is complicated in patients with kidney disease putting them at risk for adverse events and poor patient outcomes. Thus, it is critical to inform clinicians how to optimize the selection and dosing of drugs in patients with kidney disease.

Guest Editors

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