

Special Issue

Transporters in Drug and Xenobiotic Disposition

Message from the Guest Editor

Transporters play critical roles in drug and xenobiotic disposition. The tissue distribution of these transporters varies by role, and important advances in drug and chemical safety have been attributed to better understanding of transporter localization, expression and activities. In addition to parent drug disposition, transporters are also vital to the disposition of primary and secondary metabolites, such as facilitating excretion and contributing to enterohepatic re-circulation. Integrating functional transporter studies into disposition and pharmacokinetic considerations has been difficult in the past, but new approaches and models are increasingly allowing consideration of transporters' functional dynamics. This Special Issue will cover transporter dynamics in drug and xenobiotic disposition, with particular attention to effects on pharmacokinetics/toxicokinetics.

Guest Editor

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