

Special Issue

ADME Properties in the Drug Delivery

Message from the Guest Editors

In recent decades, the identification of thousands of lead compounds, through the development of analytical, synthetic, and computational techniques, has occurred. However, the path followed by a bioactive compound to become a drug is long and involves differing methodologies. Different variables must be considered, such as pharmacokinetics, drug interactions, efficacy, and safety, among others. The process is long and expensive. In pharmaceutical studies, pharmacokinetic properties include absorption, distribution, metabolism, and excretion (ADME). Decreasing the time in the process of searching for new drugs increases the investigation of characteristics related to structure such as permeation, distribution, metabolism, and toxicity, including molecular interactions, tissue permeations, metabolic pathway, etc. This issue will report recent ADME properties studies in drug delivery.

- drug delivery
- ADMET
- medicinal chemistry
- pharmacokinetic properties

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