Special Issue

Pharmacokinetic Properties in Drug Development

Message from the Guest Editors

In pharmaceutical research, pharmacokinetic properties have been recognized as one of the major factors for the decline in the success of new drugs. In the last 30 years, the development of new bioassay techniques, biotechnology methods, bioguided phytochemical studies, automated high throughput screening, and high-performance analytical methods has introduced new concepts and possibilities in drug discovery.

This issue will include studies on drug absorption evaluations; metabolism or biotransformation of toxicants; oxidation, reduction, and hydrolysis mechanism studies; theoretic prediction approaches; and metabolic pathway elucidations. Scientific studies that seek to interpret and improve the ADMET properties of drug candidates are welcome.

- ADMET
- in silico
- drug absorption evaluations
- metabolism or biotransformation of toxicants
- oxidation, reduction, and hydrolysis mechanism studies
- pharmacokinetic properties

Guest Editors

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