

Special Issue

Drug Discovery and Drug Delivery System for Biological Application

Message from the Guest Editors

The design and synthesis of active compounds (AC) are rationally developed aiming to increase the success rate in the discovery of drugs against different pathologies. Currently, different approaches linked to experimental and computational methods can be used to optimize the achievement of AC, such as: (i) obtaining them from nature (plants, animals or microorganisms); (ii) development techniques such as structure-based drug design; (iii) ligand-based drug design; and (iv) fragment-based drug discovery.

The publication of expertise in drug design and drug delivery systems will contribute to discussing the recent preclinical and clinical results of pharmacokinetics and pharmacodynamics to obtain effective drugs against different pathologies. Therefore, in this Special Issue, we will address aspects related to new molecules in medicinal chemistry, pharmacological aspects and pharmaceutical technological development.

- active pharmaceutical ingredients (APIs)
- vegetable active pharmaceutical ingredients (VAPIs)
- pharmaceutical forms
- nanosystems
- drug targeting
- drug release and delivery properties
- scale-up technologies
- medicinal chemistry

Guest Editors

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