

Special Issue

Drugs: Mechanisms of Action, Molecular Targets and Biological Activities

Message from the Guest Editor

This Special Issue is dedicated to addressing research pertaining to the biological activity, mechanism of action, and molecular target of both well-known and novel drugs. Ongoing development in biotechnological cell-based assays and computational investigations have enabled the discovery of biologically active small molecules with great speed. Drug targets are poorly understood, both for launched and for potential therapeutic agents in discovery and development. Many natural products are identified as bioactive molecules, though their targets and underlying mechanisms of action are still unknown. Target identification and mechanism of action can be delineated using experimental and computational interfaces. In many instances, a blend of different methods may need to be applied to thoroughly characterize the molecular actions, target and allosteric response and biological activity of drugs. The aim of this Special Issue is to publish articles, including original research, review and other study, to shed light on all the current and past development that focus on mechanism of action, biological activity and molecular target of a drug or a group of drugs at the molecular level.

Guest Editor

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