



Heterocycles in Drug Discovery

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Message from the Collection Editors

Dear Colleagues,

Heterocycles are crucial in drug discovery due to their high prevalence in biologically active compounds and pharmaceuticals. These ring structures, containing at least one atom other than carbon (commonly nitrogen, oxygen, or sulfur), constitute a unique opportunity to modulate diverse chemical and physical properties that enhance the interaction with biological targets. Their versatility allows for the design of molecules with improved potency, selectivity, and pharmacokinetic profiles. Many drugs, including antibiotics, antivirals, anticancer agents, and CNS drugs, feature heterocyclic moiety, underscoring their importance in the drug discovery process for developing effective and innovative therapeutics.

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Guest Editors

