Special Issue

Advances in Enzyme Inhibition: Biophysical and Experimental Approaches

Message from the Guest Editor

Enzymes are major targets in drug development due to their critical roles in biological processes. Investigating enzyme characteristics through purification, kinetic studies, stability profiling, and structural analysis is essential for understanding their functions and for guiding the design of more effective inhibitors. Both experimental and computational approaches—such as molecular docking and molecular dynamics—are crucial for achieving a comprehensive understanding. This Special Issue, *"Advances in Enzyme Inhibition: Biophysical and Experimental Approaches"*, aims to highlight recent progress in experimental and/or computational strategies for enzyme inhibition. Contributions that utilize biophysical methods or integrated approaches are especially encouraged. Key words for the topics: Enzyme purification, enzyme stabilization, enzyme inhibitors, Mechanistic studies of enzyme activity, Structural and conformational analyses, computational modeling of enzyme-inhibitor interactions. We invite original research and reviews that advance our understanding of enzyme inhibition.

Guest Editor

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