

## Special Issue

# Targeting Enzymes in Drug Design and Discovery

### Message from the Guest Editor

Enzymes play a central role in virtually all biological processes, acting as catalysts in metabolic pathways, signal transduction, gene expression, and many other cellular functions. Due to their specificity, catalytic efficiency, and regulatory importance, enzymes have long been recognized as prime targets in drug design and discovery. From early antibiotics and anti-inflammatory agents to modern kinase inhibitors and protease-targeted therapies, enzyme inhibition remains a cornerstone of some of the most effective therapeutic strategies across a broad spectrum of diseases. This Special Issue aims to showcase recent advances in the identification, characterization, and therapeutic targeting of enzymes. The Issue reflects the inherently multidisciplinary nature of enzyme-centered drug discovery, incorporating insights from synthetic chemistry, structural biology, molecular modeling, pharmacology, and bioinformatics.

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### Guest Editor

Prof. Dr. Mariyana Atanasova  
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### Deadline for manuscript submissions

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## Pharmaceuticals

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We hope to handle your contribution to *Pharmaceuticals* soon.

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### Editor-in-Chief

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