HIV-1 Integrase: Mechanism and Inhibitor Design
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**DESCRIPTION**

This book comprehensively covers the mechanisms of action and inhibitor design for HIV-1 integrase. It serves as a resource for scientists facing challenging drug design issues and researchers in antiviral drug discovery. Despite numerous review articles and isolated book chapters dealing with HIV-1 integrase, there has not been a single source for those working to devise anti-AIDS drugs against this promising target. But this book fills that gap and offers a valuable introduction to the field for the interdisciplinary scientists who will need to work together to design drugs that target HIV-1 integrase.

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**ABOUT THE AUTHOR**

Nouri Neamati, PhD, is an Associate Professor of Pharmacology and Pharmaceutical Sciences at the University of Southern California School of Pharmacy. He is the recipient of numerous awards and has published more than 170 peer-reviewed manuscripts, several book chapters, and patents in the area of drug design and discovery. Dr. Neamati is the Editor-in-Chief of Current Molecular Pharmacology; an Associate Editor of Current Cancer Drug Targets; and an Editorial Advisory Board member of several journals including Expert Opinion on Drug Discovery, Expert Opinion on Investigational Drugs, and Hormones & Cancer.