

1. Record Nr.	UNINA9910877599303321
Titolo	Protein targeting with small molecules : chemical biology techniques and applications // edited by Hiroyuki Osada
Pubbl/distr/stampa	Hoboken, N.J., : John Wiley & Sons, c2009
ISBN	1-282-27906-8 9786612279065 0-470-49501-4 0-470-49500-6
Descrizione fisica	1 online resource (310 p.)
Altri autori (Persone)	OsadaH <1954-> (Hiroyuki)
Disciplina	572/.633
Soggetti	Protein binding Molecular probes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	PROTEIN TARGETING WITH SMALL MOLECULES; CONTENTS; Contributors; Preface; 1 Chemical Biology Based on Small Molecule-Protein Interaction; 2 Target Profiling of Small Molecules; 3 Novel Applications of Affinity Beads; 4 Recent Developments and Advances in Chemical Arrays; 5 Use of the Phage Display Technique to Identify the Target Protein; 6 Development of Fluorescent Probes for Small Molecules; 7 Development of Small-Molecule Ligands and Inhibitors; 8 Interaction of a Biological Response Modifier with Proteins; 9 Chemical Biology of Cell Motility Inhibitors 10 Chemical Biology of Cell Surface Oligosaccharides 11 Chemical Genomics Based on Yeast Genetics; 12 Data on Small Molecules and Their Target Proteins; Index
Sommario/riassunto	Discover the link between the latest chemical biology approaches and novel drug therapies! Protein Targeting with Small Molecules: Chemical Biology Techniques and Applications takes readers beyond the use of chemical biology in basic research, providing a highly relevant look at techniques that can address the challenges of biology and drug design and development. This indispensable bench companion features up-to-date coverage of advances in chemistry and assesses their impact

on developing new therapeutics, making it ideal for chemical biologists
and medicinal chemists who a
