

1. Record Nr.	UNINA9910789690703321
Autore	Miteva Maria A
Titolo	In silico lead discovery [[electronic resource] /] / by Maria A. Miteva
Pubbl/distr/stampa	[Saif Zone, Sharjah, United Arab Emirates], : Bentham Science Publishers Ltd., [2011]
ISBN	1-60805-142-0
Descrizione fisica	1 online resource (201 p.)
Disciplina	615/.19
Soggetti	Drug development Drug development - Computer simulation
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	01 Title.pdf; 02 Cover Page; 03 eBooks End User License Agreement-Website; 04 Content; 05 Foreword_Grigirov; 06 Preface_Miteva; 07 Contributors_Proposal_forEbook-MariaMiteva; 08 Chapter 1 Lagorce_et al_revised 2; 09 Chapter 2 Sperandio_et al_revised 2; 10 Chapter 3 Guyon_Tuffery_corrected 2; 11 Chapter 4 Todorov_corrected 2; 12 Chapter 5 Alexov_revised 2; 13 Chapter 6 Miteva_revised 2; 14 Chapter 7 Roche-revised 2; 15 Chapter 8 Pajeva_Wiese_revised 2; 16 Chapter 9 Moro_revised 2; 17 Chapter 10 Lee; 18 Index
Sommario/riassunto	Computer-aided drug design and in silico screening have contributed to the discovery of several compounds that have either reached the market or entered clinical trials. In silico Lead Discovery is a compilation of the efforts of several experts on bioinformatics and drug design in developing the latest advances of in silico approaches for lead discovery. It contains an overview of structure-based, ligand-based methods and current fragment-based methods as well as examples for successful applications of such methods in discovering new hit/lead molecules for important therapeutic targets. Treat