

1. Record Nr.	UNINA9910461109103321
Titolo	Targeted molecular imaging // editors, Michael J. Welch, William C. Eckelman
Pubbl/distr/stampa	Boca Raton : , : Taylor & Francis, , 2012
ISBN	0-429-19359-9 1-283-59472-2 9786613907172 1-4398-4196-9
Descrizione fisica	1 online resource (378 p.)
Collana	Imaging in medical diagnosis and therapy
Altri autori (Persone)	WelchMichael J EckelmanWilliam C
Disciplina	616.07/575
Soggetti	Molecular diagnosis Diagnostic imaging Electronic books.
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.
Nota di contenuto	pt. 1. In vitro studies -- pt. 2. Small animal studies -- pt. 3. Radiopharmacology and radiopharmacy -- pt. 4. Case studies on developing targeted nonnuclear probes -- pt. 5. Case studies on developing targeted radiotracers.
Sommario/riassunto	Covering the fundamental concepts of molecular imaging, this work addresses basic principles, disease models, imaging studies in animals, imaging in initial human studies, and the application of molecular imaging in pharmacy and drug discovery. Topics are presented in logical progression, from basic concepts to applications. The text includes examples from human studies with imaging of breast cancer, cardiovascular disease, and neurodegenerative diseases. The book is a valuable tool for readers involved with molecular imaging, biomedical imaging, radiology, medical physics, medicinal chemistry, and pharmacology--Provided by publisher.