

1. Record Nr.	UNINA9910830837103321
Titolo	Biosimilars of monoclonal antibodies : a practical guide to manufacturing, preclinical, and clinical development // edited by Cheng Liu, K. John Morrow Jr
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2017 ©2017
ISBN	1-118-94063-6 1-118-94062-8 1-118-94064-4
Descrizione fisica	1 online resource (723 pages) : illustrations (some color)
Disciplina	574.293
Soggetti	Monoclonal antibodies - Diagnostic use
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The history of therapeutic monoclonal antibodies / Regis Sodoyer -- Structure, classification and naming of therapeutic monoclonal antibodies / Zhinan Xia -- Mechanism of action for therapeutic antibodies / Yu Zhou and James D. Marks -- Therapeutic monoclonal antibodies and their targets / Maurizio Chiriva-Internati, et al -- Antibody post-translational modifications / Roy Jefferis -- The pharmacology, pharmacokinetics, and pharmacodynamics of antibodies / Ningning Xu, Meimei Liu, Margaret Liu -- Monoclonal antibodies : applications in clinical oncology / Jeanene ("Gigi") Robison -- Development of biosimilar rituximab and clinical experience / Reena Nair -- Monoclonal antibodies for infectious diseases / Steven J. Projan -- Monoclonal antibodies for musculoskeletal, CNS, and other diseases / Junming Yie and Tao Wu -- Manufacture of recombinant therapeutic proteins using chinese hamster ovary cells in large-scale bioreactors : history, methods and perspectives / Florian M. Wurm and Maria De Jesus -- Process development / Samuel D. Stimple and David W. Wood -- Biosimilars and biobetters : impact on biopharmaceutical manufacturing and CMOs / Ronald A. Rader -- Cell line and cell culture development for biosimilar antibody drug manufacturing / Jianguo Yang -- Product analysis of biosimilar antibodies / Weidong Jiang, Scott

Liu and Ziyang Zhong -- Bioanalytical development / Rafiq Islam --
Preclinical and clinical development of biosimilar antibodies / Joao
Eurico Fonseca and Joao Goncalves -- Regulatory issues / Clarinda
Islam -- Legal considerations / K. Lance Anderson, Jennifer R. Moore
Meline, and Jonathan D. Ball -- ADCC enhancement technologies for
next generation therapeutic antibodies / Cheng Liu and Su Yan --
Biosimilar antibody half-life : engineering for optimal performance / K.
John Morrow, Jr -- Technologies for antibody drug conjugation /
Patrick G. Holder and David Rabuka.
