

1. Record Nr.	UNINA9910818483303321
Titolo	Process architecture in biomanufacturing facility design // edited by Jeffery Odum and Michael C. Flickinger
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2018 ©2018
ISBN	1-118-83365-1 1-119-36917-7
Descrizione fisica	1 online resource (397 pages) : illustrations (some color)
Disciplina	725/.4
Soggetti	Factories - Design and construction Pharmaceutical biotechnology industry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Introduction to biomanufacturing / Mark F. Witcher -- Product-process-facility relationship / Jeffery Odum -- Regulatory considerations of biomanufacturing facilities / Kip Priesmeyer -- Biopharmaceutical facility design and validation / Jeffery Odum -- Closed systems in bioprocessing / Jeffery Odum -- Aseptic manufacturing considerations for biomanufacturing facility design / Jeffery Odum, Hartmut Schaz, and Larry Pressley -- Facility control of microorganisms : containment and contamination / Jonathan Crane -- Process-based laboratory design / Henriette Schubert and Flemming K. Nielsen -- Case study : pharmaceutical pilot plant design and operation / Beth H. Junker -- Addressing sustainability in biomanufacturing facility design / Josh Capparella, Samuel Colucci, Daniel Conner, Robert Dick, and Amanda Weko -- Technology's impact on the biomanufacturing facility of the future / Jeffery Odum and Mark F. Witcher.