

1. Record Nr.	UNINA9910424639003321
Autore	Behera Basanta Kumara
Titolo	Competitive strategies in life sciences // Basanta Kumara Behera, Ram Prasad, Shyambhavee Behera
Pubbl/distr/stampa	Singapore : , : Springer, , [2020] ©2020
ISBN	981-15-7590-8
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XV, 189 p. 84 illus., 56 illus. in color.)
Collana	New Paradigms of Living Systems ; ; Volume 1
Disciplina	574.19283
Soggetti	Biomolecules Molecular biology Nucleic acids
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Strategies in Life sciences -- Chapter 2. Management and Manufacturing process of biologics -- Chapter 3. Downstream processes -- Chapter 4. Bioprinting -- Chapter 5. Biopharmaceuticals: New Frontier.
Sommario/riassunto	Tailoring of biomolecules using protein engineering technology, and host cells culture techniques are among the most sophisticated and elegant achievements of modern applied life sciences in which the basic fundamentals biotechnology are applicable for the development and manufacturing of biologics and other related bio-molecules for a hurdle free life with good health. A majority of biologics derived from genetically modified host cells in the current market are bio-formulation such as antibodies, nucleic acid products and vaccines. Such bio-formulations are developed mainly in two steps i.e. upstream process and downstream process. The first volume of this series begins with the latest information on how the classical stepwise host cells culture (mammals, animals, plants, and bacteria) methodology has been changed to fully continuous or partially continuous host cells culture process in order to economise the biopharmaceutical products manufacturing process. In addition this volume narrates a brief history on conceptual development of new thoughts in designing

biotechnology industries for commercial production of variety of therapeutic proteins with structural modification on the basis of clinical requirements. The readers will feel excited by going through the latest discovery and development in applied life sciences for designing innovative biomolecules for health care with utmost safe. The most interesting part of this volume is newly developed concept on bioprinting. It explains how to design and fabricate animate objects by fusing or depositing material of interest in the form of powders, solid dusts, metal, liquid or even living cells or tissues by layers to produce 3D objectives. The first volume ends with the latest information on the current trend in biologics market, market dynamic, drives, and opportunities with challenges.

2. Record Nr.	UNISALENTO991003500259707536
Autore	Lagarde, André
Titolo	XX siècle / [par] André Lagarde, Laurent Michard ; avec la collaboration de Raoul Audibert, Henri Lemaitre, Thérèse van der Elst
Pubbl/distr/stampa	[Paris] : Bordas, c1962
Descrizione fisica	705 p., 127 c. di tav. : ill. ; 22 cm
Collana	Textes et littérature
Altri autori (Persone)	Michard, Laurentauthor
Disciplina	840
Soggetti	Letteratura francese - Storia
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia