

Abdalla Elshereef Hesham El-Enshasy Sherif Abdeen

New Trends in Large-Scale Mammalian Cell Culture: Cell Adaptation

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Large Scale Mammalian Cell Culture

Raymond Spier, J. B. Griffiths

Large Scale Mammalian Cell Culture:

Large-Scale Mammalian Cell Culture Technology Anthony S. Lubiniecki, 2018-05-02 An interdisciplinary approach integrating biochemistry biology genetics and engineering for the effective production of protein pharmaceuticals The volume offers a biological perspective of large scale animal cell culture and examines diverse processing strategies process Large-Scale Mammalian Cell Culture Joseph Feder, 2012-12-02 Large Scale Mammalian Cell management regulator Culture is composed of papers presented as part of a symposium sponsored by the American Chemical Society Division of Microbial and Biochemical Technology at the 188th American Chemical Society National Meeting held at Philadelphia Pa on Aug 27 1984 A rapid development of large scale mammalian cell culture technology for the production of biologically important molecules becomes apparent This book looks into this technology its potential for commercial application and the regulatory concerns posed by its use for the production of human therapeutics Large Scale Cell Culture Technology Bjorn K. Lydersen, 1993-11-04 The Book This book provides the most detailed and comprehensive survey available of the different methods for production of biotechnology products from large scale mammalian and plant cell culture Methods ranging from fermentation and encapsulation to hollow fibers and fluidized beds are described by the leaders in the field with a section on regulatory considerations Each production method is described in detail in terms of principles equipment and results so that informed comparisons and evaluations can be made Contents Antibody Production with Airlift Fermentors Monoclonal Antibody Production in Stirred Reactors Microcarrier Cell Culture Cellular Microencapsulation for Large Scale Production of Monoclonal Antibodies Entrapment of Cultured Cells in Agarose Beads An Automated Hollow Fiber System for the Large Scale Manufacture of Mammalian Cell Secreted Product Continuous Cell Culture with Fluidized Sponge Beads Perfusion Cell Culture System Based on Ceramic Matrices Large Scale Plant Cell Culture Safety Considerations for Cell Culture Derived Biologicals Mammalian Cell Cultures for Biologics Manufacturing Weichang Zhou, Anne Kantardjieff, 2014-01-15 Volumes are organized topically and provide a comprehensive discussion of developments in the respective field over the past 3 5 years The series also discusses new discoveries and applications Special volumes are dedicated to selected topics which focus on new biotechnological products and new processes for their synthesis and purification In general special volumes are edited by well known guest editors. The series editor and publisher will however always be pleased to receive suggestions and supplementary information Manuscripts are accepted in English Larae Scale Cell Culture Technology Bjorn K. Lydersen, 1987 The Book This book provides the most detailed and comprehensive survey available of the different methods for production of biotechnology products from large scale mammalian and plant cell culture Methods ranging from fermentation and encapsulation to hollow fibers and fluidized beds are described by the leaders in the field with a section on regulatory considerations Each production method is described in detail in terms of principles equipment and results so that informed comparisons and evaluations can be made Contents Antibody Production

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