

Production of Biotechnology Based Bulk Drugs(Penicillins,Genetics, Solvent Extraction, Aminoglycoside,

Description:

Production of Biotechnology Based Bulk Drugs(Penicillins,Genetics, Solvent Extraction, Aminoglycoside, Antibiotics, Tylosin, Peptide Antibiotics, Cephalosporins, Lincomycin, Anticancer Agents, Siderophores, Steroid Fermentations, Roducts From Recombinant DNA, Cake-Extraction Process, Split Process, Mycobactin, Hydroxamates, Therapeutic Enzymes, Fermentation, Metabolic Origins, Cysteine, Bioconversion, Carboxyl Activation, Biosynthetic Pathway, Metabolic Grid)

Biotechnology is the use of living systems and organisms to develop or make products, or "any technological application that uses biological systems, living organisms, or derivatives thereof, to make or modify products or processes for specific use" (UN Convention on Biological Diversity, Depending on the tools and applications, it often overlaps with the (related) fields of bioengineering, biomedical engineering, bio manufacturing, molecular engineering, etc.

Biotechnology also utilizes these products for manufacturing purpose. Some of the examples of drugs produced through biotechnology are penicillin, lincomycin, streptomycin, tylosin, peptide antibiotics, cephalosporins, etc. Modern use of similar terms includes genetic engineering as well as cell and tissue culture technologies. Biotechnology draws on the pure biological sciences and in many instances is also dependent on knowledge and methods from outside the sphere of biology. Conversely, modern biological sciences are intimately entwined and dependent on the methods developed through biotechnology and what is commonly thought of as the life sciences industry.

For more detailsdownload PDF file

Keywords: Process for Production of Penicillin, Biotechnology in Bulk Drug Production, Manufacturing of Bulk Drugs, Bulk Drugs Production, Manufacturing Process of Penicillins, Fermentation Process, Novel Fermentation Process, Manufacture Aminoglycoside, Manufacturing Process of Tylosin, Production of Peptides, Production of Streptomycin, Fermentation Process of Cephalosporins, Cephamycin Production, Production of Lincomycin, Drug Development Process, Fermentation Process for Production of Anthracyclines,

Created At: 20 Oct, 2017