Biotechnology, Recombinant Proteins, Monoclonal Antibodies, Therapeutic Genes, Genomics and Bioinformatics

By Sensen, Christoph W.

Wiley, UK, 2001. Hardcover. Condition: New. Dust Jacket Condition: No Dust Jacket. First Edition. 1058 pages. NEW. VOLUME5a and 5b. In the field of medicinal biotechnology three major developments have caused a revolution in research that has a lot of innovative effects on clinical medicine and future applications on humans. With the availability of tailored recombinant proteins and the opportunity to produce high amounts of monoclonal antibodies new diagnostic applications have emerged and many therapeutic perspectives, e.g. in the treatment of multiple sclerosis and of cancer, are being discussed today. The aim of somatic gene therapy is to re-establish normal cell function by supplying the cells with the respective intact gene. This is a very difficult task and different diseases, e.g. AIDS and several metabolic disorders, are under investigation now. So far first promising approaches exist in cancer therapy. Moreover the book informs about regulatory and economic aspects of these new methods and their applications. Book Description: In the field of medicinal biotechnology three major developments have caused a revolution in research that has a lot of innovative effects on clinical medicine and future applications on humans. With the availability of tailored recombinant proteins and the opportunity to produce high...

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