

THE MODERN STATE BIOTECHNOLOGIES DRUGS ON THE MARKET OF UKRAINE

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Introduction. Biotechnology is one of the fastest growing industries in all countries, focus on progress. Industrial production of penicillin, insulin, interferons, on the basis of biological synthesis - all these are the first steps of pharmaceutical biotechnology, became history. The leading area of the industry today is the development and commercialization of new drugs for the prevention and treatment of infectious diseases (e.g., influenza, tuberculosis, HIV) and diseases of other etiology (diabetes, cancer), as well as for gene therapy of congenital pathologies. The introduction of domestic developments in this area is very rare, however in Ukraine there is a fundamental level of biotechnological innovation and production of biotechnological medicines carried out in several factories.

Today in Ukraine the production of biotechnological medicines are pharmaceutical factories: "Enzim" (Ladyzhyn); "Dniprofarm" (Dnepropetrovsk); "Pharmstandard - biolek" (Kharkiv, Ukraine); "PharmBiotek" (Kyiv); "Biostimulator" (Odessa); "INDAR" (Kyiv); "Biopharma" (Kyiv). Among these enterprises are the largest "INDAR" specializing in the production of insulin, "biolek" and "Biopharma" that produce drugs - normality, proteins of human blood, vaccines and sera for the prevention and treatment of many infectious diseases, as well as different test systems. Kiev factory "Biopharma" produces the following products: "Subalin" - a biological product on the basis of genetically modified aerobic spore - forming bacteria with a high antiviral and antibacterial activity for the treatment of diseases of mixed etiology; the "human Immunoglobulins" - against the herpes simplex virus type II, Epstein - Barr, against *Toxoplasma gondii*, etc.; "Biosporin" - a highly effective preparation based on *Bacillus subtilis* and *Bacillus licheniformis* B. for the prevention and treatment of dysbacteriosis and acute diseases of the gastro - intestinal tract of humans.

The **aim** of this work is the analysis of the current state of biotechnological products and their further development in the Ukrainian market. The leading countries of the world community strongly encourage the development of biotechnology, as have long appreciated the advantages of biotechnological production – the relative cheapness and environmental safety. Problem in our country are complex socio – economic conditions that restrict biotechnology development in Ukraine, although in the future this should pay off in full.