

Third Laureate Research & Development

- **Research Work Title:** Development of technology and production of recombinant pharmaceuticals
- **Executive Organization:** CinnaGen Research and Production Company
- **Representative:** Samira Ansari (Ph.D.)
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Abstract:

Important indicators in biotechnology industry include "industrial production technology", "skilled people for the development of this technology" and further "appropriate market". Fortunately our country has met those main indicators which are the most important reasons for the rapid growth of this technology in Iran. Actually technology transfer with high cost-benefit ratio is hardly offered by international companies to Iran and any other developing countries. In fact, these companies are preferentially looking for only the transfer of the final recombinant protein products and marketing of the raw materials. In fact high cost-benefit ratio technological advances are still exclusively available only to International companies. CinnaGen Company was established in 1995 with the aim of manufacturing new biopharmaceutical products. CinnaGen's main priority has been on research and development in the field of biotechnology in order to meet the demands of the regional market. Our efforts in CinnaGen Co. have been focused on the development and production of biosimilar in the field of immunological diseases, infertility, hormonal disorders and cancer. Currently, the company specializes in the manufacture of certain biopharmaceutical products, including Cinnovex and ReciGen (for MS disease), Cinnal f and CinnaFact (for infertility), CinnoPar (for osteoporosis), PegaGen (for cancer), CinnaPoietin (for renal disease), CinnoRa (for autoimmune diseases) and CinnaTropin (for growth hormone deficiency) and on preventing the withdrawal of currency from our country for the purchase of these biopharmaceutical, which promotes the country's economy and also the purchasing power of the nationals. The manufacture of recombinant proteins involves the following steps, all of which are done with the participation of domestic experts based on the innovative capabilities and skills in CinnaGen Company. From the R & D stage to the final production, all stages are performed under the methods and standards.

