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**BEY  
Roman V.,**  
Doctor of Historical Science,  
Director of SSI «Ukrainian Research  
Institute of Alcohol and Biotechnology for  
Food Products»  
[bey\\_roman@voliacable.com](mailto:bey_roman@voliacable.com)  
(Kyiv)

**PREREQUISITES FOR THE CREATION AND MAIN ACHIEVEMENTS  
OF THE UKRAINIAN SCIENTIFIC RESEARCH INSTITUTE OF  
ALCOHOL AND BIOTECHNOLOGY OF FOOD PRODUCTS  
(the second half of the 40's of the XX – the beginning of the XXI century)**

**Summary**

The purpose of this article is to highlight the main milestones of the formation and scientific activity of the Ukrainian Research Institute of Alcohol and Biotechnology of Food Products. The research is based on the application of general scientific and historical methods, source study analysis.

A prerequisite for the creation of the Ukrainian Research Institute of Alcohol and Biotechnology for Food Products was the restoration and expansion of the alcohol industry in the Ukrainian SSR during the recovery period. Further technological progress was accompanied by improvements in the processes of alcohol production, its concentration, combination, specialization and cooperation, that required coordination, scientific and methodological guidance of branch scientific research.

The article shows that the prototype SSI «UkrNDiSpirtbioprod» is the Kyiv branch of the All-Union Research Institute of the Alcohol Industry. The purpose of the

institute creation was to develop advanced technologies and equipment in alcohol, beverage, yeast and other industries, as well as the use of biotechnological processes to increase the quality of products in accordance with national and European standards.

The author argues that the scientific developments, which were proposed by the scientists of the institute, offered in the domestic and foreign markets and solved all problems of production of ethyl alcohol from starch and sugar raw materials. The scientists of the institute have a priority in the development of low-investment bioethanol technology on the typical equipment of alcohol plants by azeotropic rectification and energy saving technology dewatering bioethanol adsorption on molecular sieves, etc.

The article generalizes the main directions of scientific researches of the Institute's scientists at the present stage, which aimed at creating new resource- and energy-saving, ecologically pure technologies for biotechnological processes, and others.

***Key words:*** *Ukrainian Research Institute of Alcohol and Biotechnology of Food Products, Alcohol Industry, Alcohol Plant.*