

PREFACE

The Proceeding of the 1st Autumn School-Conference on Food Biotechnology for Candidates, Students and Young scientists in English (foodbiotech.urfu.ru) includes Lectures and Master Classes from Senior Scientists in Food Biotechnology, Molecular Biology and Food Chemistry. The School-Conference was held in the Ural Federal University named after the First President of the Russian Federation B. N. Yeltsin (UrFU) in face-to-face and on-line modes from November 9 to November 12, 2022. It was organized by the Institute of Chemical Technology and its new structural subdivision «Scientific, Educational and Innovation Center for Chemical-Pharmaceutical Technologies» at UrFU.

The main goal of the school-conference was to raise the awareness of both Russian and foreign students about the possibilities of studying at the Ural Federal University in the direction of the master's program 19.04.01 Biotechnology (Master's programs Food biotechnology, Molecular biotechnology and bioengineering, Living systems. Promising chemical-pharmaceutical and biotechnologies: research and development) and in the direction of postgraduate study 1.5.6 Biotechnology and related areas, to demonstrate laboratories facilities, competence and professionalism of the teaching staff, with the involvement of specialists conducting scientific research in the field of food biotechnology, developing new innovative products and technologies, organizing modern industrial production, participating in import substitution and promoting new generation competitive biotechnological products in the market.

The target audience of the school-conference were students of the last and penultimate years of undergraduate and graduate studies studying in biological, chemical and chemical-technological areas of Russian and foreign universities and preparatory departments of leading universities in Russia.

The school-conference program includes lectures by leading scientists on the main aspects of food and biotransformation technologies, master classes in various areas of food biotechnology, a round table meeting entitled as «Biotechnological education for foreigners in Russia: trends and prospects» with the invitation of both leading scientists as well the UrFU International Service and the UrFU department of International Education.

Experts in biotechnologists from partner institutes and universities were involved in the school-conference. They were as follows: Yekaterinburg Research Institute of Viral Infections, SRC VB VEKTOR, Rospotrebnadzor, South Ural State (National Research) University, Chelyabinsk, Republican control and testing complex for food quality and safety RUE «Scientific- Practical Center of the National Academy of Sciences of Belarus for Food», Republican Unitary Enterprise «Scientific and Practical Center of the National Academy of Sciences of Belarus for Food», Minsk, Belarus, Damanhour University, Egypt and School of Natural Sciences and Applied Technology Vignan's Foundation for Science, Technology and Research (Deemed to be University, Accredited by NAAC 'A'), Guntur, Andhra Pradesh, India; University of Rwanda (Kigali, Rwanda), and production companies Ural Biopharm OJSC, Tabletta, Zoobioprom, Beersfan Ltd.



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for Candidates, Students and Young scientists in English