

PREFACE

The Proceedings of the School on Biotechnology for Students, Ph.D. 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 both face-to-face and online modes from July 8 to July 19, 2024 in the framework of the UrFU Summer University under the financial support of the Ministry of Science and Higher Education of the Russian Federation (MEGAGRANT, contract No 075-15-2022-1118, 29.06.2022). 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 for the third time. The 1st Autumn School-Conference and the 2nd School-Conference on Food Biotechnology for Candidates, Students and Young scientists were held from 9th November, 2022 through 12th November, 2022 and from September 14 to September 16, 2023, respectively.

The main goal of the school on biotechnology in 2024 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 were students of the last and penultimate years of 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 program includes lectures by leading scientists on the main aspects of biotechnology and biotransformation technologies, master classes in various areas of food biotechnology, as well as project work on Design of biotechnological processes with the final defense of team projects.

This year the target group of the school are the Master students of the First year from our partner university, Sanjivani University, Kopargaon, India.



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for Students, Ph.D. Students and Young scientists in English