

Review-feedback

to the educational-scientific program "Bioorganic Chemistry" for training applicants
of the third (educational-scientific) level of higher education
in specialty 091 "Biology and biochemistry"

V.P. Kukhar Institute of Bioorganic Chemistry and Petrochemistry
of the National Academy of Sciences of Ukraine

V.P. Kukhar Institute of Bioorganic Chemistry and Petrochemistry of the National Academy of Sciences of Ukraine successfully implements the educational and scientific program "Bioorganic Chemistry", which provides the opportunity for students of higher education in the specialty 091 "Biology and Biochemistry" to obtain the necessary theoretical knowledge, skills and abilities sufficient to generate new ideas and solve complex problems in fields of biology, biochemistry, biotechnology and agriculture.

The implementation of the educational and scientific program "Bioorganic Chemistry" is connected with the joint scientific activity of the V.P. Kukhar Institute of Bioorganic Chemistry and Petrochemistry of the National Academy of Sciences of Ukraine and the Institute of Molecular Biology and Biotechnologies (IMBB) of the Azerbaijan National Academy of Sciences (ANAS)

Within the framework of the agreement on scientific cooperation, our institutions conduct research in the field of targeted synthesis, modification and study of the biological activity of new organic compounds with insecticidal, fungicidal, antiviral and antibacterial properties intended for plant protection; influence of biologically active substances on the photosynthetic apparatus of plants; the protective role of biologically active substances in relation to plants in conditions of abiotic and biotic stress and studying the mechanisms of regulation of cell metabolism.

The educational and scientific program "Bioorganic Chemistry" contributes to ensuring the compliance of educational program results with the requests of potential employers for the timely provision of highly qualified specialists in the field of modern biology, biochemistry, biotechnology and agriculture.

Thus, the implementation of the peer-reviewed educational and scientific program "Bioorganic Chemistry" at the V.P. Kukhar Institute of Bioorganic Chemistry and Petrochemistry of the National Academy of Sciences of Ukraine allows for high-quality training of PhD (Doctor of Philosophy) in specialty 091 "Biology and Biochemistry".

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