

INTERNATIONAL COOPERATION IN FIELD OF MEDICAL AND PHARMACEUTICAL SCIENCE AND EDUCATION

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Projects in the field of medicine and pharmacy have always occupied a special place among the scientific and educational directions of NTU "KhPI". Our scientific and educational developments for the healthcare sector are carried out in the following directions: projects in the field of nanotechnology, biotechnological research, implementation of engineering and information technologies, research in the field of cryotechnology, drugs development, research of plant raw materials, radiation technologies, pharmaceutical and medical education, etc, and international cooperation as integral part of NTU "KhPI" activity is an enormous and powerful tool which provides mutual benefits to all parties in ensuring the quality of education and researches and its compliance with world standards and has always helped scientists to keep abreast of international science and share expertise and resources which enhance the scientific community.

In June 2022, the Memorandum of cooperation in education and research in medical and pharmaceutical sciences was signed between National Technical University "Kharkiv Polytechnic Institute" and Maj Institute of Pharmacology, Polish Academy of Sciences (IF PAN) which currently is the leading scientific center in Poland specializing in neuro- and psychopharmacology.

The scope of the signed Memorandum includes joint student and staff mobility programs and joint educational programs for doctoral degrees; joint e-programmes; supervise PhD students; development of exchange programs for faculty, including students; conducting joint research, including co-financing of grants; publishing of joint research results in international journals; providing e-access to research articles and academic information of each party; creation of the development programs aimed at development potential; organization and implementation of joint activities (symposia, seminars, round tables, conferences); participation in the activities of the partner university.

Our long-term partnership will be build taking into account an specific focus of the IF PAN research priorities which include depression, schizophrenia, chronic pain, drug and natural rewards and addiction, anxiety, post-traumatic stress disorder, neurodegenerative and immunoendocrine processes and phytochemistry and experience of NTU "KhPI" in fundamental investigations, practical solution of specific technical and technological medical-pharmaceutical issues.