

## To the birthday of Professor Valentyn Petrovych Chernykh, corresponding member of the National Academy of Sciences of Ukraine



On January 5, 2015, Rector of the National University of Pharmacy Valentyn Petrovych Chernykh, corresponding member of the National Academy of Sciences of Ukraine, laureate of the State Prize of Ukraine, Doctor of Pharmacy, Doctor of Chemistry, Professor turns 75 years. Year 2015 is significant for V. P. Chernykh also by the 50th anniversary of his scientific-pedagogical activities, and 35 years as the Rector.

Half a century of his life is given to the noble mission – training of pharmaceutical specialists, scientific and pedagogical staff, reorganization of the University, the main pharmaceutical HEI in Ukraine with history dating back to 1805 year, reforming of the higher pharmaceutical education and pharmaceutical industry of Ukraine.

Professor V. P. Chernykh had come a long way from a student, postgraduate student, teaching assistant, associate professor, professor, head of the Department, Dean, Vice-Rector for academic affairs to the Rector of the National University of Pharmacy.

Under the leadership of professor V. P. Chernykh Kharkiv Pharmaceutical Institute had gone through reorganization from a small institution to the leading University, which corresponds to the highest international criteria.

Today, the University community numbers over 20000 employees and students. Under the leadership of outstanding organizer, Kharkiv Pharmaceutical Institute, which had 1600 students in a specialty "Pharmacy" with 6 Doctors and 73 Candidates of Sciences, grew up into a unique research and educational center – National University of Pharmacy, where today 17500 students are trained in 14 specialties.

In 1991, Kharkiv Pharmaceutical Institute was among the first 900 universities, accredited at the Union level. In 1999, it acquired national status among the top 5 universi-

ties in Ukraine and became the 2nd national university in Kharkiv.

Under the leadership of V. P. Chernykh there have been trained more than 110 Doctors and 500 Candidates of Sciences in the University. NUPh has one of the highest indexes of the quality of scientific and educational potential, 94%, among the top 200 universities in Ukraine according to the UNESCO rating. There were opened at the NUPh over the past 15 years: 13 new specialties, Institute of Pharmacy Professional Qualification Improvement and College. Today, in the national ranking NUPh takes the 2nd place among 18 medical universities and the 3rd among Kharkiv universities, and is the leader of pharmaceutical education among the CIS educational institutions. NUPh was awarded by the Cabinet of Ministers of Ukraine for considerable contribution to the development of medical and pharmaceutical science and education. This is the European level University, the member of international pharmaceutical and educational associations. In 2013, NUPh joined the Magna Charta Universitatum. Over 50000 professionals, including above 6000 Masters of Pharmacy for 82 countries received higher pharmaceutical education.

In order to implement the state industry staff assistance policy, professor V. P. Chernykh proposed "on the ground" system of training by opening a network of 20 pharmaceutical faculties at the medical universities.

For the first time in the pharmaceutical education in Ukraine, there were created educational-methodical complexes of study materials in all disciplines of more than 2000 items. The educational process is provided by 100% with educational and methodological materials in official and foreign languages, which are used by all the pharmaceutical faculties in Ukraine and some CIS countries. Scientific heritage of the University – more than 490 text-

books and study guides, 300 monographs, over 1500 titles of protection for inventions. The NUPh scientists developed and introduced into production 261 new medicines.

Professor V. P. Chernykh is initiator and one of the authors of the development concept of the pharmaceutical industry and education of Ukraine, founder of the newest direction in pharmacy: pharmaceutical care of patients, quality control system of medicines, including implementation of bioequivalence on the principles of GCP in accordance with international requirements.

On the initiative of professor V. P. Chernykh, there was established a professional holiday in Ukraine, Day of pharmaceutical worker (1999) and a new state award, honorary title "Honored Worker of Pharmacy of Ukraine" (2005), adopted the Code of Ethics of pharmaceutical worker in Ukraine (2010), created the world's first Pharmaceutical encyclopedia (First Edition – 2005, second – 2010). Under the direct supervision of V. P. Chernykh, cultural treasury of Kharkiv region is enriched with the first in the world monument to the pharmacist – the sculptural composition "Pharmacy in centuries". Professor V. P. Chernykh became the ideologist of the industry strengthening and organizer of the V, VI and VII National Congresses of Pharmacists of Ukraine at the University, and creation of All-Ukrainian Association of Pharmacists.

Professor V. P. Chernykh is an outstanding scientist in the field of organic chemistry, well known in Ukraine and abroad; he is the author of 1260 scientific publications, including the textbook "Organic Chemistry" in 3 volumes, which was awarded the State Prize of Ukraine in Science and Technology in 2000, and the first textbook for higher pharmaceutical education in Ukraine. There was founded a new scientific direction – synthesis of biologically active substances, derivatives of dicarboxylic acids, creation of various heterocyclic structures on their basis, and research of the cyclization routes of polyfunctional reagents in the ensemble of heterocycles. Novelty and priority of researches are confirmed by 126 patents of Ukraine and Russia, 341 inventor's certificates. Under his supervision, there was established national school of synthetic chemists, in which scientists trained more than 60 Doctors and Candidates of Sciences and (individually and together with students) created 16 medicines.

In 1997, professor V. P. Chernykh was elected a corresponding member of NASc of Ukraine for the results of long-term research in the field of the biologically active substances synthesis. In the history of pharmacy of Ukraine

this event was the first example of representation of pharmacy in the academic science. In 2013, Academy of Sciences of Ukraine awarded V. P. Chernykh a badge of honor of NASc for scientific achievements.

V. P. Chernykh is well known statesman and public figure. For 30 years he worked in the Expert Councils of USSR and Ukraine (Higher Attestation Commission). He currently heads Republican Problem Commission "Pharmacy" of the Ministry of Public Health of Ukraine; he is the chairman of Scientific-Methodical Commission on Pharmacy of the Ministry of Education and Science of Ukraine, member of the Scientific Council of the State Pharmacological Center of the MPH of Ukraine, member of the Presidium of the Pharmacopoeia Committee of the MPH of Ukraine, member of the Academic Medical Council of the MPH of Ukraine, member of the agency of the State Pharmacological Center on registration of medicinal products and drugs, member of the subdivision of Chemistry and Chemical Technology of the Committee on State Prizes in Science and Technology, member of the board of State Inspectorate for Quality Control of Drugs of the MPH of Ukraine. V. P. Chernykh is Vice-President of the All-Ukrainian Association of Pharmacists, President of Kharkiv Pharmaceutical Association. In 1999, International Biographical Center and American Biographical Institute recognized V. P. Chernykh one of the 500 most influential and prominent scientists in the world.

Activity of professor V. P. Chernykh was repeatedly noted by the state: Order "Badge of Honor", "Red Banner of Labor", Order of Ukraine "For Merit" of I, II, III degrees, Prince Yaroslav the Wise of IV and V degrees, Diploma of the Verkhovna Rada of Ukraine, honorary certificates and merit badges of the MPH and MES of Ukraine, "Excellent worker of healthcare", "Excellence worker of education of Ukraine", "Petro Mohyla", badge of merit of Kharkiv Regional State Administration "Sloboda glory", "Honored Inventor of the USSR", "Honored worker of Science and Technology of the UkrSSR". V. P. Chernykh is the honorary citizen of Kharkiv.

*Scientific-pedagogical and academic community, colleagues, friends, students heartily congratulate the famous scientist, talented educator, outstanding organizer and reformer of higher pharmaceutical education, tireless enthusiast and patriot of the pharmacy. We wish you, Valentyn Petrovych, new achievements and starts, inexhaustible creative inspiration and longevity.*