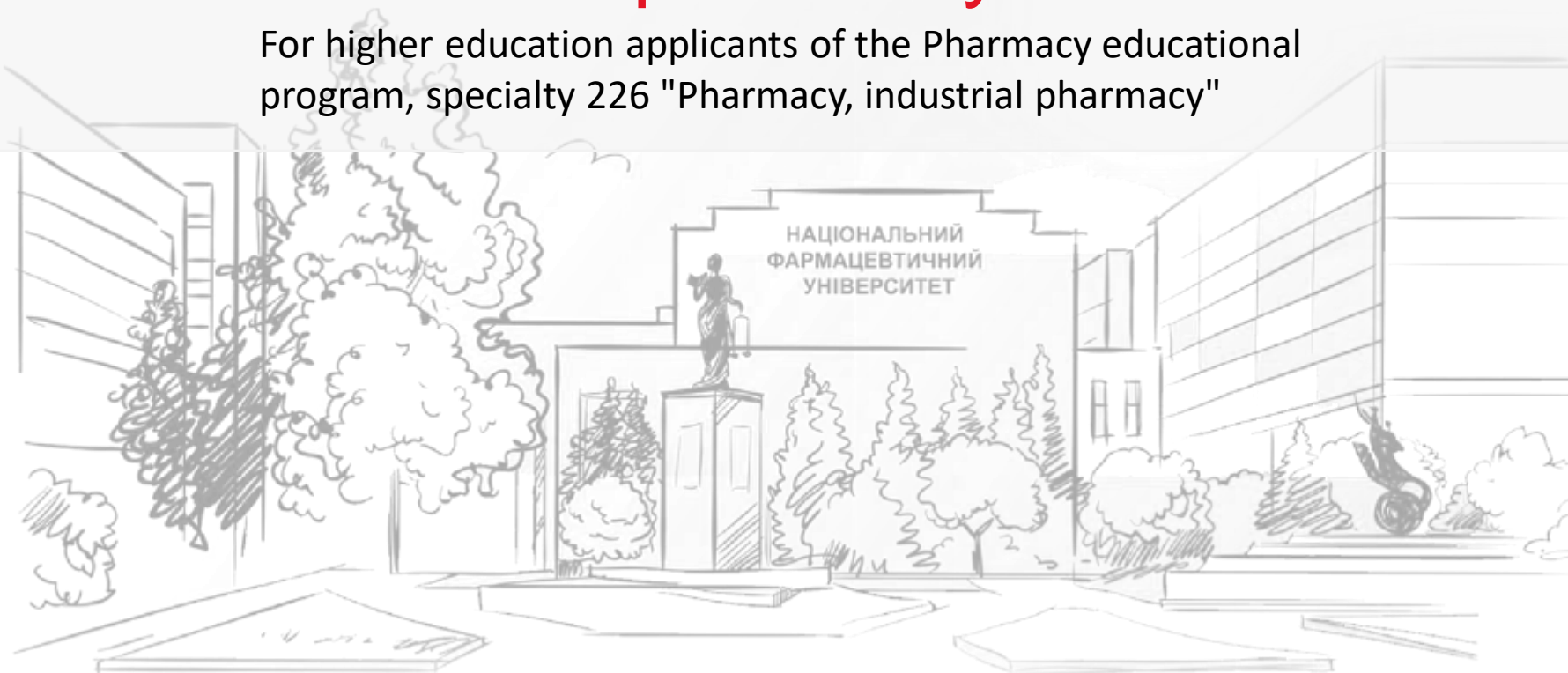




MINISTRY OF HEALTH OF UKRAINE
NATIONAL UNIVERSITY OF PHARMACY
PHARMACEUTICAL TECHNOLOGY OF DRUGS

Selective discipline "Biopharmacy"

For higher education applicants of the Pharmacy educational program, specialty 226 "Pharmacy, industrial pharmacy"



Biopharmacy - a science that studies the dependence of the therapeutic effect of drugs on the body on various variable factors.



In the creation of the "Biopharmacy" course accepted participation practically all teachers department technologies medicines and row others Departments It, first by all, head of department , doctor of pharmaceuticals sciences, professor Tatiana Gryhorivna Yarnykh, which together with Alexander Ivanovich Tikhonov wrote textbook "Biopharmacy", and contributed a significant contribution to formation disciplines "Biopharmacy".

- It is taught according to educational training plan for students 5th course specialty 226 "Pharmacy, industrial pharmacy".
- Is one from natural sciences sciences, knowledge which necessary for creativity activity pharmacist .
- Based on on knowledge , which were received when studying pharmacology , pharmacognosy , mathematics, physics , chemistry, pharmaceutical chemistry, physiology, anatomy, biochemistry etc. Summarizes knowledge which were received technology students medicines, factory technologies medicines, clinical pharmacy and others.

Discipline "BIOPHARMACY"



Main goal biopharmaceuticals as science is theoretical and experimental rationale creation new ones medical drugs and improve existing taking into account increase their therapeutic effect and decrease side actions on body _



The main purpose _ You are a member of the pharmacy course understanding various factors which affect on therapeutic action medical drugs.

Acquired knowledge necessary for activity pharmacist .

Knowledge disciplines has special value at conducting experimental and scientific of research .

Competences teaching

Special (professional, substantive):

- ability organize production activity pharmacy of production medical drugs in different medical forms by recipes doctors and orders medical institutions , including justification technologies and choice auxiliary materials in accordance with the rules of Good Pharmacy Practice(GPP);

- with date organize and take participation in production medical means in conditions pharmaceutical enterprises , including choice of technological process with justification technological process and by choice corresponding equipment according to requirements Proper production practice (GMP);



Special (professional , subject):

- ability provide rational application prescription and over-the-counter medical means according to with physical and chemical, pharmacological characteristics, biochemical, pathophysiological features specific disease and pharmacotherapeutic schemes him treatment ;
- ability carry out consultancy and pharmaceutical care under time of choice and vacation over the counter medicinal tool by assessment correlation risk / benefit, compatibility , testimony and contraindications guided by health data a specific patient with taking into account biopharmaceutical, pharmacokinetic, pharmacodynamic and physical and chemical features medicinal tool.





***DEAR HIGHER
EDUCATION
ATTENDERS!***

The whole team wishes you success in studying the discipline " Biopharmacy " and hopes that this course will help prepare and defend a master's thesis, as well as open a lot of new and useful information.

Enjoy your training!