



**NATIONAL PIROGOV  
MEMORIAL MEDICAL UNIVERSITY,  
VINNYTSIA**

*Department of Pharmacy*



**Elective course  
«PHARMACEUTICAL AND  
TECHNOLOGICAL ASPECTS OF DRUG  
DEVELOPMENT»**





# GENERAL INFORMATION Relevance

Have you thought  
about it?





# The Goal of the course



learning the main aspects and elements of drug development, the importance and continuity of all stages of the process, acquaintance with modern approaches to drug development.

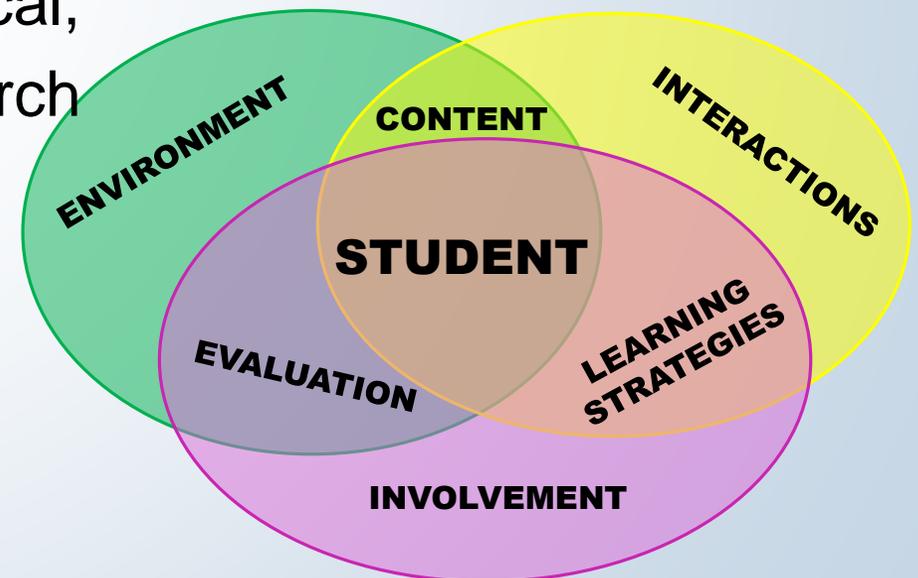
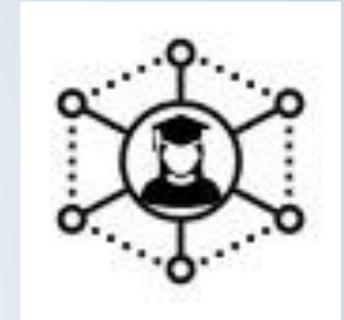




# Forms of education



- ✓ The course includes lectures and practical classes;
- ✓ Student-centered approach;
- ✓ Visiting specialized laboratories of VNMU;
- ✓ Use of modern pedagogical methods;
- ✓ Development of independence and confidence through the use of analytical, inductive, partial-search and research methods.





# As a result of taking the course you will



IN VITRO

- ✓ Research planning and conducting skills;
- ✓ Analysis and work with the legal framework for the development of medicines;
- ✓ General issues of computer modeling of drug synthesis;
- ✓ Assimilation of pharmacological aspects of new drug development;
- ✓ Familiarity with the main stages of preclinical study of pharmacological substances;
- ✓ Clinical studies of pharmacological substances;
- ✓ Technological aspects of development of new dosage forms;
- ✓ The role and place of VNMU. MI Pirogov in the development of medicines;
- ✓ 5 Quality, efficacy and safety of medicines;
- ✓ Assimilation of the basic rules of registration preparation drug dossier;
- ✓ Introduction to the key rules of the pharmaceutical market.



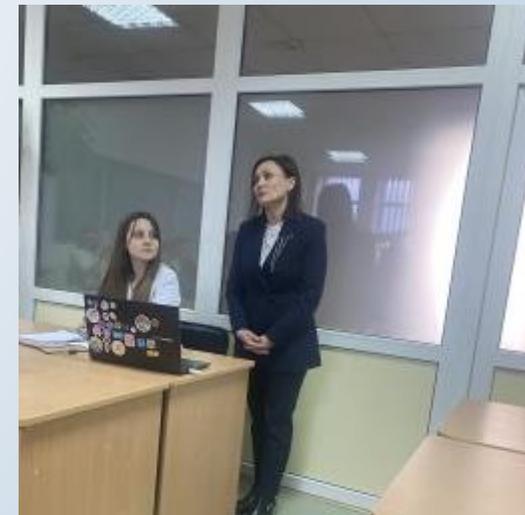


# Material and technical Equipment



- ✓ Author's course of lectures;
- ✓ Classes on the basis of the Educational and Scientific Stimulation Center "Pharmacy"
- ✓ Meetings with interesting speakers - leaders of the pharmaceutical industry;
- ✓ Working with digital learning tools;
- ✓ Free access to modern and up-to-date sources of information;
- ✓ Complete legal framework;
- ✓ Specially developed manuals and methodical recommendations.

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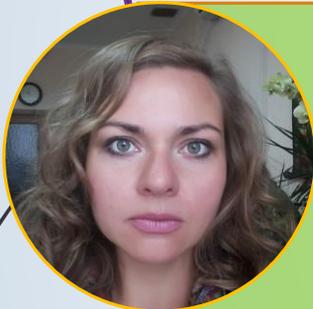
# COURSE TEACHERS



## **Kryvovyz Olena Viktorivna**

The head of Department of Pharmacy, Dr Sci (pharmacy), Full Prof.

Research interests: development of composition and technology of drug production, marketing research of the pharmaceutical market



## **Tomashevskaya Yuliya Oleksandrivna**

Assoc. prof. of Department of Pharmacy, PhD (pharmacy)

Research interests: experimental research of pharmacological action of drugs, marketing research of the pharmaceutical market



## **Kramar Hanna Ivanivna**

Assoc. prof. of Department of Pharmacy, PhD (pharmacy)

Research interests: experimental research of pharmacological action of drugs, marketing research of the pharmaceutical market



**Choose the course  
" Pharmaceutical and technological aspects of  
drug development and registration "  
grow professionally!**

