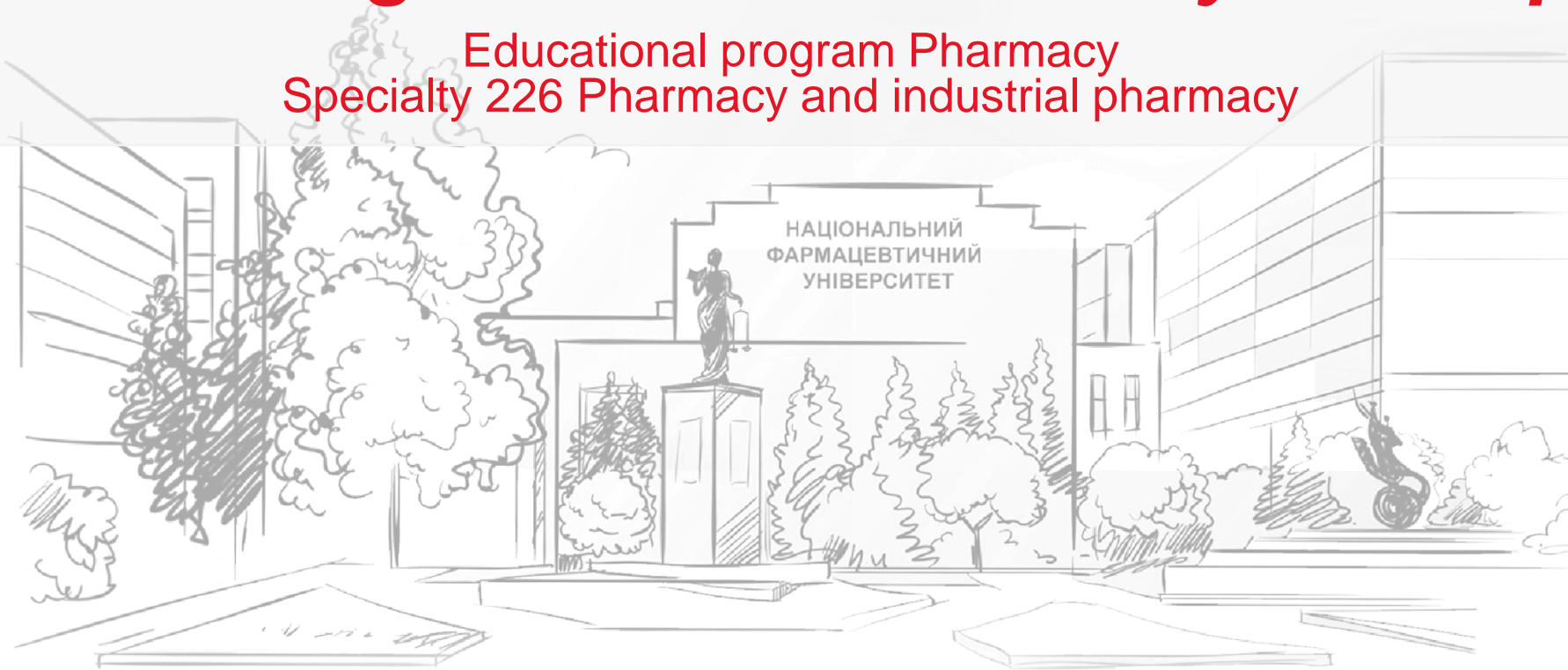




MINISTRY OF HEALTH OF UKRAINE  
NATIONAL UNIVERSITY OF PHARMACY  
DEPARTMENT OF PHARMACOGNOSY AND NUTRICIOLOGY

# ***Elective educational component «Pharmacognostic Basics of Phytotherapy»***

Educational program Pharmacy  
Specialty 226 Pharmacy and industrial pharmacy



**Phytotherapy** is a system of specific methods of treatment and diseases prophylaxis using medicinal plants. Phytotherapy is a component of complex, preventive and rehabilitation therapy.



# The importance of studying the pharmacognostic bases of phytotherapy



In the modern world, the role of phytotherapy in medicine is constantly growing, which is explained by the low toxicity, biological safety for the human body, and the features of the clinical effectiveness of a large number of herbal remedies

# The aim of the subject

1

forming a holistic view of the possibilities, forms and methods of phytotherapy, understanding its place and role in the complex treatment, rehabilitation and prevention of the patient taking into account an integral approach based on the established diagnosis

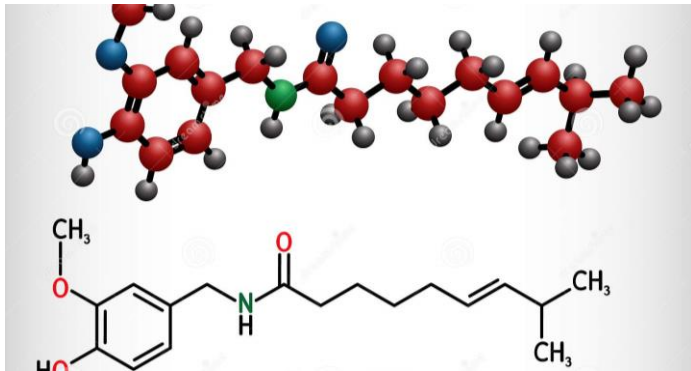
2

learning how to prepare various medicinal forms

3

learning the ability to find and identify official and unofficial medicinal plants in nature by morphological features, periods of their rational harvesting, drying conditions and use

# Objects of the study



Biologically active substances of plant origin



Medicinal plant raw material



Phytoremedies

**THAT IS** study of medicinal properties of plants, natural raw materials and products from them



# What we will study

- Basic principles of phytotherapy, rules for recipes formation
- Relationship between biologically active substances of medicinal plants and their phytotherapeutic effects
- Rules for the use of phytoremedies
- Types of regulatory documentation, the current state of production of domestic herbal remedies and dietary supplements



Learn about:

- basic principles of treatment with medicinal plant raw materials; main chemical, pharmacological and technological incompatibilities of plant raw material; the role of various groups of biologically active compounds in the prevention and treatment of various human pathological conditions
- information about agricultural and technical crops as a source of obtaining biologically active compounds and their use in the therapy of various diseases
- how to choose phytotherapies of general action depending on the existing functional disorders in patients of various profiles
- how to use poisonous and potent plants in phytotherapy and diagnose poisonous impurities in herbal medicines



Consider:

- rules for drawing up prescriptions for the treatment of various diseases
- peculiarities of harvesting, drying and primary processing of plant raw materials used in evidence-based and traditional medicine
- the main influencing factors on the interaction of biologically active substances in the composition of medicinal plant raw materials and the body
- basics of industrial cultivation of medicinal plants
- the system of standardization and certification of plant raw materials and phytoremedies
- documentation of plant raw materials analysis results
- the main ways and forms of plant raw materials application in pharmaceutical practice and industrial production





A doctor has three tools in the fight against disease: a word, a plant and a knife.

*Avicenna*



In the hands of an ignorant person, medicine is poison, and its effect can be compared to a knife, fire or light. In the hands of knowledgeable people, they are likened to a drink of immortality.

*Quote from the ancient Indian sacred book "Ayurveda»*

# THANK YOU FOR YOUR ATTENTION!



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