



**National Pirogov Memorial Medical University, Vinnytsia**

**Department of Pharmacy**



# Pharmaceutical information. Sources and their reliability

ELECTIVE COURSE





# Course teachers



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The head of Department of Pharmacy,  
DrSci, Full Prof.



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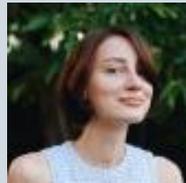
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You can read more about the scientific activity of the course teachers at the link [shorturl.at/ilqCD](https://shorturl.at/ilqCD) in the section "Scientific work"





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# If you answered "Yes" to at least one of the questions - this course is for you!

Have you thought about the statement "Who owns the information - owns the world?"

Do you want not to get lost in the information space?

You often come across information that is opposite in content and you can't figure out which one is true?

Do you want to develop professionally without wasting time on "fake" facts and manipulations?

Do you want to quickly find the information you need for training and research?

Want to keep up to date with the latest news in the pharmaceutical industry?



# The course "Pharmaceutical information. Sources and their reliability" will consider:



## Sources of information in the pharmaceutical industry:

- types, access, evaluation



## Scientific information:

- search and analysis using modern tools,
- evaluation,
- levels of evidence of research.



## Official information: relevant sources, easy search, quick analysis

- regulatory documents, instructions for medicines,
- state register and national list of medicines,
- national and international protocols for treatment and pharmaceutical care.



## Additional sources of information:

- advertising and promotional products,
- information from opinion leaders,
- statistical information of open and commercial databases



## Signs of information manipulation:

- identification of dubious and unreliable information



# Pharmaceutical information. Sources and their reliability



## COURSE OBJECTIVES

Learning to search and evaluate professional information

Understanding the importance of the level of evidence of information

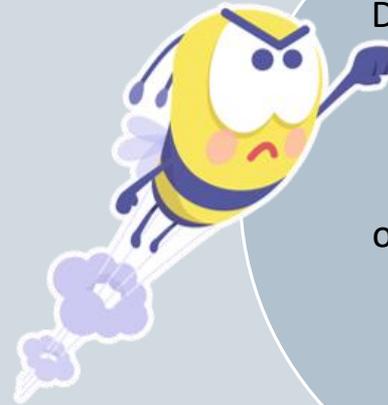
Evaluation of additional sources of information for the presence of false or manipulative allegations

Identification of unfair practices in advertising information

Formation of skills of work with official sources of information in the field of pharmacy and related fields

Familiarity with different sources of scientific information in the field of medicine and pharmacy

## THE GOAL OF THE COURSE



Development of critical thinking and media literacy in the future pharmacy specialist, preparing for the use of relevant information for effective professional development

# As a result of training you will:

Gain skills to distinguish **relevant and unreliable information** in the pharmaceutical media space

Acquire basic **media literacy** skills

Gain skills in working with **sources of scientific information**

Understand the principles of division of scientific information by **levels of evidence**. Get acquainted with the basics of scientometrics

Gain skills in working with **official sources** of information in the field of pharmacy

Learn to **evaluate additional sources** of information

You will be able to identify inaccurate information, dishonest practices and **methods of information manipulation**.



Scopus



Web of Science Group



Mendel



ScienceDirect



МОРИОН

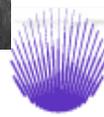


Верховна Рада України  
Законодавство України

Компендіум  
ЛЕКАРСТВЕННІ ПРЕПАРАТИ



МІНІСТЕРСТВО  
ОХОРОНИ  
ЗДОРОВ'Я  
УКРАЇНИ



PROXIMA



ScienceDirect



# The course uses



## FORMS AND METHODS OF TEACHING

Lectures:  
classical form,  
discussion format  
combination of express  
lecture and master class



Practical training:  
•in the form of trainings,  
seminars, round tables  
•using group work and individual  
tasks



Final control:  
•credit



Individual students work:  
•on-line courses and trainings will  
be offered upon request



## MATERIAL AND TECHNICAL EQUIPMENT

Author's course of lectures and methodical  
developments of course teachers

Classes on the basis of the Educational and  
Scientific Stimulation Center "Pharmacy"

University institutional access to science-metric  
databases and free online resources

Complete database of regulatory and technical  
documents in the field of pharmacy

Samples of advertising and promotional products  
of pharmaceutical companies

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We are waiting  
for you!

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