

TOPIC FOR THE EXAM POST PROMOTION
ASSOCIATE PROFESSOR

DISCIPLINES:

Clinical pharmacy and pharmacotherapy (Pharmacy, 5th year, course)
History of pharmacy (Pharmacy, 2th year, course)
Pharmaceutical Botany I (Pharmacy, first year, laboratory practical work)

State of functions - 13 position of the Pharmacy Department

FACULTY OF MEDICINE AND PHARMACY, University of Oradea

1. Clinical pharmacy and pharmacotherapy

- 1.1. Principles of rational use of antibiotic therapy and the main causes of failure of antibiotic treatments.
- 1.2. Antibacterial chemotherapeutics.
- 1.3. Antifungal pharmacotherapy.
- 1.4. Pharmacotherapeutic management of hypnotics and tranquilizers.
- 1.5. Pharmacotherapeutic management and patients counseling for red and painful throat, fever.
- 1.6. Pharmacotherapy and patients counseling in renal disorders.
- 1.7. Pharmacotherapeutic management and patients counseling in cough.
- 1.8. Optimization of pharmacotherapy and patients counseling in pain treatment.
- 1.9. Pharmacotherapy of non-steroidal anti-inflammatory drugs.
- 1.10. Acute and chronic diarrheal disease treatment.
- 1.11. Role of the pharmacist and patients counseling in allergy.
- 1.12. Pharmacotherapy of gastro-duodenal ulcer and gastroesophageal reflux.
- 1.13. Diabetes and dyslipidemic syndrome treatments.

2. History of pharmacy

- 2.1. The art of healing in ancient Egypt.
- 2.2. History of pharmacy in Mesopotamia.
- 2.3. The art of healing in ancient India.
- 2.4. Ancient China. The world's first pharmacopoeia.
- 2.5. Pharmacy in ancient Greece
- 2.6. Pharmacy in Dacia.
- 2.7. The art of healing in the Roman Empire.
- 2.8. The impact of Byzantine and Arab pharmacists on the evolution of the pharmaceutical laboratory.
- 2.9. Medicine and pharmacy in the Middle Ages.
- 2.10. Medicine and pharmacy in the Modern Era.
- 2.11. Medicine and pharmacy in the Romanian countries.

2.12. Pharmacy in the 19th century. Galenic factories.

2.13. The 20th century. Specialty industry.

3. Pharmaceutical Botany I

3.1. Plant cytology - highlighting plastids in the cytoplasm.

3.2. Plant cytology - highlighting the ergastic inclusions in the cytoplasm.

3.3. Plant cytology - secondary modifications of the cell wall.

3.4. Plant histology - the study of external and internal secretory tissues.

3.5. Plant histology - the study of the tissues leading to mono and dicotyledons.

3.6. Plant histology - the primary structure of the root and stem in angiosperms.

3.7. Organography - the root as a source of medicine.

3.8. Organography - the leaf as a source of medicine.

3.9. Organography - the flower as a source of medicine.

BIBLIOGRAFIE

1. Cristea A.N., *General Pharmacology*, Didactic and Pedagogical Publishing House, Bucharest, 2nd edition, 2011.
2. Lupuleasa D., Călina D., *Elements of practical clinical pharmacy*, Sitech Publishing House, Craiova, 2012.
3. Cristea A.N., *Clinical Pharmacy - vol I*, Medical Publishing House, Bucharest, 2006.
4. Cristea A.N., *Treaty of Pharmacology*, Medical Publishing House, Bucharest, 2005.
5. Koda-Kimble M.A. et al., *Applied Therapeutics The Clinical Use of Drugs*, 8th ed. Lippincott Williams & Wilkins, 2005.
6. Gimenez F. et al., *Pharmacie clinique et therapeutique*, 2nd ed., Masson, 2002.
7. Carata A., *History of Pharmacy. Comparisons and course drawings for students*, Tipo.Tehnoplast Publishing House, Bucharest, 2010.
8. Popescu H., Mogoşanu G.D., *History of Pharmacy*, Sitech Publishing House, Craiova, 2010.
9. Crişan I.H., *Medicine in Dacia*, Dacica Publishing House, Bucharest, 2007.
10. Ursoniu S., *History of universal medicine*, Western Publishing House, Timişoara, 2000.
11. Cotrău M., *The drug over time*, Apollonia Publishing House, Iasi, 1995.
12. Iszak S., *Pharmacy over the centuries*, Scientific and Encyclopedic Publishing House, Bucharest, 1979.
13. Bologa V.L., *History of universal medicine*, Medical Publishing House, Bucharest, 1970.
14. Pallag A., *Pharmaceutical botany, cytology, histology and plant organography*, University of Oradea Publishing House, 2013.
15. Tămaş M., *Pharmaceutical Botany vol.I. Cytology*, University Medical Publishing House Iuliu Haţieganu, Cluj-Napoca 2004.
16. Şipos M., *Guidance for the practical works of cytology*, University of Oradea Publishing House, 2004.

02.12.2019

Department Director,
univ. prof. habil. ph.d. Laura Vicaş