

TOPICS
FOR THE PROMOTION EXAM ON PROFESSOR
THE DISCIPLINES:

Pharmacognosy I (year III, Pharmacy, course)
Pharmacognosy II (year III, Pharmacy, course)
Pharmacognosy I (year III, Pharmacy, practical works)

position 9 of the State of functions of the Pharmacy Department
FACULTY OF MEDICINE AND PHARMACY, University of Oradea

1. CHEMICAL COMPOSITION OF DRUGS

- 1.1. Formation of primary and secondary metabolites.
- 1.2. Chemotaxonomy.

2. DRUGS WITH PHYSICAL ACTION

- 2.1. Lycopodium spora, Carbo medicinalis, Gossypium depuratum.

3. CARBOHYDRATES.

- 3.1. Monosaccharides: general aspects and drugs.
- 3.2. Oligosaccharides: general aspects and drugs.
- 3.3. Polysaccharides (glycans) and vegetable products with homo and heteroglycans.

4. GLYCOSIDES.

- 4.1. General aspects
- 4.2. Phenolic glycosides. General aspects - drugs with phenolic glycosides.
- 4.3. Anthraquinone glycosides. General aspects - drugs with anthraquinone glycosides.
- 4.4. Cardiac glycosides. General aspects - drugs with cardiac glycosides.
- 4.5. Flavonoids. General aspects - representative drugs.
- 4.6. Anthocyanosides and proanthocyanidols. General aspects - representative drugs.
- 4.7. Coumarins. General aspects - representative drugs.
- 4.8. Thioglycosides. General aspects - drugs containing thioglycosides
- 4.9. Cyanogenic glycosides. General aspects - drugs with cyanogenic glycosides.

5. ALKALOIDS

- 5.1. Alkaloids and genalkaloids. General aspects - representative drugs.

- 5.2. Pyridine and piperidine alkaloids. General aspects - representative drugs.
- 5.3. Tropane alkaloids, imidazole alkaloids. General aspects - representative drugs.
- 5.4. Indole alkaloids. General aspects - representative drugs.
- 5.5. Purine, quinoline, isoquinoline alkaloids. General aspects - representative drugs.
- 5.6. Quinolizidine alkaloids, terpenoid-alkaloids. General aspects - representative drugs.

6. TERPENOIDS.

- 6.1. Volatile oils - General aspects.
- 6.2. Volatile oils. fam. Labiateae.
- 6.3. Volatile oils. fam. Asteraceae, fam. Composites.
- 6.4. Volatile oils. fam. Lauraceae, Myrtaceae, Rutaceae.

7. BITTER PRINCIPLES.

- 7.1. General aspects.
- 7.2. Definition. Classification. Chemical structures.
- 7.3. Drugs containing bitter principles.

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