



FACULTATEA DE FARMACIE

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Disciplina FARMACOLOGIE-FARMACOTERAPIE

TEMATICA SI BIBLIOGRAFIA CONCURSULUI PENTRU OCUPAREA POSTULUI VACANT DE PROFESOR UNIVERSITAR POZITIA 27, PHARMACOTHERAPIE (FFR); FARMACOTERAPIE; FARMACOLOGIE-FARMACOTERAPIE, SESIUNEA NOIEMBRIE 2023 – MARTIE 2024

Themes for the contest:

1. Pharmacodynamics. Adrenergic and cholinergic transmission
2. Pharmacotoxicology. Tolerance and pharmaco-dependence
3. Medication of the respiratory apparatus. Anti-asthmatic medication
4. Medication of the respiratory apparatus. Antitussives and expectorants
5. Medication of the cardiovascular system. Antihypertensives : beta-blockers, inhibitors of the angiotensin II converting enzyme, angiotensin II AT1 receptor antagonists
6. Medication of the cardiovascular system. Antihypertensives : calcium channel blockers, central antihypertensives
7. Diuretics
8. Medication of the cardiovascular system. Antianginal drugs
9. Medication of the cardiovascular system. Lipid-lowering drugs
10. Medication of the cardiovascular system. Heart failure medication
11. Medication of the cardiovascular system. Antiarrhythmics
12. Medication of the blood and hematopoietic system. Heparins, oral coumarinic anticoagulants and non-AVK
13. Medication of the blood and hematopoietic system. Antiplatelet agents
14. Medication of the blood and hematopoietic system. Iron, vitamin B12, erythropoietin
15. Medication of the digestive system. Antiemetics
16. Medication of the digestive system. Antiulcer medication
17. Medication of the digestive system. Laxatives, purgatives
18. Hypoglycemic medication. Insulin and oral hypoglycemic agents
19. Systemic corticosteroids
20. Natural and semi- synthetic penicillins
21. Cephalosporins

22. Aminoglycosides, glycopeptides and polypeptides
23. Macrolides
24. Broad-spectrum antibiotics
25. Fluoroquinolones
26. Antifungal drugs
27. Antiviral drugs
28. Antituberculous drugs
29. Anticancer drugs
30. Medication of the central nervous system. Pain medication. Opioid and non-opioid analgesics
31. Non-steroidal anti-inflammatories
32. Medication of the central nervous system. Benzodiazepine anxiolytics and tranquilizers
33. Medication of the central nervous system. Non-benzodiazepine anxiolytics
34. Medication of the central nervous system. Barbiturates and non-barbiturates
35. Medication of the central nervous system. Antidepressant medication
36. Medication of the central nervous system. Antiepileptic drugs
37. Medication of the central nervous system. Classical and atypical neuroleptics
38. Medication of the central nervous system. Antiparkinsonian medication
39. Medication of the central nervous system. Anti-dementia medication
40. Anti-osteoporotic drugs

Bibliography :

1. Cristea A.N., Farmacologie generală, Ed. Medicală București, 2011
2. A.N. Cristea, „Tratat de farmacologie”, Ed. Medicală, 2007
3. Karen Whalen, ”Lippincott Illustrated Reviews: Pharmacology”, Ed Walters Kluwer, ed 6-th, 2015,
4. Bertam G., Katzung M. ”Basic and Clinical Pharmacology”, Ed. Mc Graw Hill education, 14th edition, 2017
5. Barbara G. Wells, Terry L. Schwinghammer, Joseph T. DiPiro, Cecily V. DiPiro. Manual de farmacoterapie. Editia a zecea,; Editura Prior & Books, 2019
6. Dobrescu D și col, Memomed, 2020, București, Ed. Minesan

12.12.2023

Șef de disciplină,

Prof .univ.dr. Codruta Soica

