

TOPICS
FOR THE PROMOTION EXAM ON PROFESSOR

THE DISCIPLINES:

Drug analysis (year V. Pharmacy, course)

Pharmaceutical entrepreneurship (year V. Pharmacy, course)

Drug analysis (year V. Pharmacy, practical works)

position 7 of the State of functions of the Pharmacy Department

FACULTY OF MEDICINE AND PHARMACY, University of Oradea

1. Regulations on registration and distribution of medicinal products
2. Stages of analytical control of medicinal products
3. Volumetric methods in drug analysis.
4. Electrochemical methods in drug analysis.
5. Chromatographic methods in drug analysis.
6. UV-VIS spectroscopy in drug analysis.
7. Atomic absorption spectroscopy in drug analysis.
8. IR spectroscopy in drug analysis.
9. Mass spectrometry in drug analysis.
10. Thermal methods in drug analysis.
11. Drug stability
12. Validation of pharmaceutical analytical methods
13. Pharmacy administration. Business development.
14. Selling and sustaining the product in the market.

References:

1. Muhammad Sajid Hamid, Akash Kanwal Rehman, Essentials of Pharmaceutical Analysis.
Ed. Springer Nature Singapore Pte Ltd. 2020.

2. Sibel A. Ozkan, Afzal Shah, New Developments in Nanosensors for Pharmaceutical Analysis, Ed. Academic Press, 2019.
3. Atta-ur-Rahman, FRS, Sibel A. Ozkan, Rida Ahmed, Recent Advances in Analytical Techniques (volume 2), Novel Developments in Pharmaceutical and Biomedical Analysis. Ed. Bentham, 2018.
4. Bojiță, L. Roman, R. Sandulescu, R. Oprean - Analiza și controlul medicamentelor. Volumul 1 Bazele teoretice și practice, Ed. Intelcredo, Deva, 2002.
5. M. Bojiță, L. Roman, R. Sandulescu, R. Oprean -Analiza și controlul medicamentelor. Volumul 2. Metode instrumentale în analiza și controlul medicamentelor, Ed. Intelcredo, Deva, 2003
6. F. Bănică, M. Bojiță, Controlul Medicamentului. Metode electrochimice și termice de analiză, Ed. Universității din Oradea, 2009
7. Roman L, Bojiță M, Săndulescu R, Muntean DL. Validarea metodelor analitice. Editura Medicală. București, 2007.
8. Muntean D. L., Bojiță M., Controlul medicamentelor – Metode spectrale, cromatografice și electroforetice de analiză, Ed. Medicală Universitară "Iuliu Hațieganu", Cluj-Napoca. 2004.
9. Joseph Wang, Analytical Electrochemistry. Second Edition, Wiley, 2000.
10. *** - Farmacopeea Romana ed. a X-a, Ed. Medicală, 1993.
11. *** - Farmacopeea Europeana, ed. a X-a, 2019.
12. Andrew M. Peterson William N. Kelly, Leadership and Management in Pharmacy Practice. Ed. CRC Press. 2015.
13. Keith N Herist, Brent L Rollins, Matthew Perri III, Financial Analysis in Pharmacy. Ed. Pharmaceutical Press 2011.
14. Shane P. Desselle, David P. Zgarrick, Managementul farmaciilor, vol I și II, Ed. Printco, 2011.

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