

Hadeel A. Khalil, CV

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Personal Information

Nationality: Egyptian
Gender: Female
Date of Birth: 5/12/1991

Objectives

Join a team of highly qualified pharmaceutical educational and clinical professionals where I can expand my knowledge and be able to demonstrate my teaching and research skills.

Education

- 2014-2017** **MSc. (Pharmaceutical Analytical Chemistry),**
Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- 2008-2013** **BSc. (Pharmacy and Pharmaceutical Sciences),**
Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
Distinction Honour, 8th on my pharmacy class (1500 students).
- 2018-2022** **PhD. (Pharmaceutical Analytical Chemistry),**
Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.

Extracurricular Activities

- 2008-2013** Active member at Alexandria Students' Scientific Association (ASPSA),
Faculty of Pharmacy, Alexandria University.

Professional Experience:

- 8/2022-present** **Lecturer of Pharmaceutical Analytical Chemistry,**
Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- 2/2017 - 2022** **Assistant lecturer, Pharmaceutical Analytical Chemistry Department,**
Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- 9/2013-2017** **Teaching assistant, Pharmaceutical Analytical Chemistry Department,**
Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
- Summer 2012** **Industrial internship.** Pharco Pharmaceutical Industries, Alexandria,
Egypt.
- 7/2013-3/2014** **Community Pharmacist**

Involved in Laboratory lecturing, Laboratory supervision, exam questions setting and marking, leading group discussions and invigilation for undergraduate pharmacy students in Pharmaceutical Analytical Chemistry for first- and second-year pharmacy.

- Teaching Assistant of **Instrumental Analytical Chemistry** (PC407) course in Clinical Pharmacy program, Alexandria University.
- Teaching Assistant of **Physical and Inorganic Chemistry** (PC407) course in Clinical Pharmacy program, Alexandria University.
- Teaching Assistant of **Pharmaceutical Analytical Chemistry II** (PC306) course in Clinical Pharmacy program, Alexandria University.
- Assistant lecturer of **Pharmaceutical Analysis and Quality Control Chemistry II** (PC808) course in Clinical Pharmacy program, Alexandria University.
- Assistant lecturer of BSc. Pharmaceutical Analytical Chemistry I & II courses, Alexandria University.
- Assistant lecturer of BSc. Pharmaceutical Analytical Chemistry I & II courses, Alexandria University.

Research Interests and Specialty:

My research interests are in the fields of pharmaceutical analysis, pharmacokinetics, pharmacodynamics, and drug metabolism. In addition, I'm interested in learning more advanced analytical approaches to investigate complex biological and / or pharmaceutical challenges. The following topics were investigated in my masters' thesis:

1. The use of azole antifungal drugs in prophylaxis and/or treatment of immunocompromised population.
2. The effect of hyperlipidemia on the pharmacokinetics, pharmacodynamics and drug-drug interactions of some lipophilic drugs used in cancer treatment regimens.
3. Developing pharmaceutical analytical methods for the determination of drugs in different matrices using several analytical methods including spectrofluorimetric, electrochemical and chromatographic techniques.

Research Grants

1. Basic and Applied Research Grant, Science & Technology Development Fund, (STDF-5575), Egypt. 2014-2017 (Project title: Effect of Hyperlipidemia on Posaconazole-Vincristine Drug-Drug Interaction in Rat) L.E.750,000 (Research Assistant).

Awards

Alexandria University's Best Master Thesis Award for the thesis entitled "Analysis and study of drug - drug interactions of some antifungal drugs used in the treatment regimen of cancer". September 2019.

Posters

1. Hadeel A. Khalil, Ahmed F. El-Yazbi, Dalia A. Hamdy and Tarek S. Belal. Development of a High-Performance Liquid Chromatographic assay for the simultaneous determination of posaconazole and vincristine in rat plasma and its application in a drug interaction study. Canadian Society of Pharmaceutical Scientists (CSPS) annual symposium, Toronto, Canada, 2015.
2. Hadeel A. Khalil, Ahmed F. El-Yazbi, Dalia A. Hamdy, Tarek S. Belal. Validated HPTLC Method for Determination of Posaconazole in Bulk Powder and Suspension Dosage Form. 3rd Future University International Conference on Pharmaceutical Sciences. Cairo, Egypt, February 2015.

3. Hadeel A. Khalil, Eman I. El-Kimary, Tarek S. Belal and Amira F. El-Yazbi. Green stability-indicating capillary electrophoretic method for simultaneous determination of Lesinurad and Allopurinol in tablet dosage form: Degradation kinetics investigation. 2nd Pharos University in Alexandria conference, Alexandria, Egypt. March 2020.

Hadeel A. Ahmed Khalil, CV

Published papers

1. AF El-Yazbi, HA Khalil, TS Belal, I Eman, Inexpensive bioluminescent genosensor for sensitive determination of DNA damage induced by some commonly used sunscreens, *Analytical Biochemistry*, 2022/4/29, 651, 114700.
2. I Eman, HA Khalil, TS Belal, AF El-Yazbi, Green stability-indicating capillary electrophoretic method for simultaneous determination of Lesinurad and Allopurinol in tablet dosage form: degradation kinetics investigation, *Microchemical Journal*, 2020/11/1, 158, 105199.
3. HA Khalil, AF El-Yazbi, DA Hamdy, TS Belal, Application of HPTLC, spectrofluorimetry and differential pulse voltammetry for determination of the antifungal drug posaconazole in suspension dosage form, *Annales pharmaceutiques francaises*, 2019/9/1, 77 (5), 382-393.
4. HA Khalil, MAW ElKhatib, TS Belal, AF El-Yazbi, DA Hamdy, Hyperlipidemia alters the pharmacokinetics of posaconazole and vincristine upon Co-Administration in rats, *Drugs in R&D*, 2017/6, 17 (2), 287-296.
5. HA Khalil, MM Elnaggar, TS Belal, AF El-Yazbi, DA Hamdy, The effect of hyperlipidemia on the pharmacokinetics, hepatic and pulmonary uptake of posaconazole in rat, *European Journal of Pharmaceutical Sciences*, 2016/8/25, 91, 190-195.
6. HA Khalil, TS Belal, AF El-Yazbi, DA Hamdy, The effect of increased lipoproteins levels on the disposition of vincristine in rat, *Lipids in health and disease*, 2016/12, 15 (1), 1-6.
7. HA Khalil, AF El-Yazbi, TS Belal, DA Hamdy, High performance liquid chromatographic assay for the simultaneous determination of posaconazole and vincristine in rat plasma, *International journal of analytical chemistry*, 2015/12/22.

