

Dr. Noha Mostafa Hosny Ahmed



Professional Summary

- ✓ Experience in teaching courses of pharmaceutical analytical chemistry for undergraduate and postgraduate students.
- ✓ Experience in analysis of drugs in pharmaceutical and biological matrices.
- ✓ Experience in development of analytical methods for separation and quantitation of the target drugs using different techniques.

Awards and Missions

- ✓ A winner of L'OREAL-UNESCO "For Women in Science FWIS" fellowship, 2018.
- ✓ A short-term mission (Oct 2018 - March 2019) at School of Pharmacy, Faculty of Health and Life Sciences, De Monfort University, Leicester, United Kingdom, granted by the Egyptian culture affairs and mission sector.

Contact Information

Noha M. Hosny, PhD

Lecturer

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Personal Information

Female, Egyptian, Married

DoB: Nov 26, 1988

PoB: Tahta, Sohag, Egypt

Languages

Arabic Native

English C1

Frensh B2

Work Experience

▪ Lecturer of Pharmaceutical Analytical Chemistry	July 2019 - present
Faculty of pharmacy, Assiut University, Assiut, Egypt	
▪ Honorary Research Assistant	Oct 2018 - March 2019
School of Pharmacy, Faculty of Health and Life Sciences, De Monfort University, Leicester, United Kingdom.	
▪ Assistant Lecturer of Pharmaceutical Analytical Chemistry	Feb 2015- June 2019
Faculty of Pharmacy, Assiut University, Assiut, Egypt	
▪ Demonstrator of Pharmaceutical Analytical Chemistry	Dec 2010- Jan 2015
Faculty of Pharmacy, Assiut University, Assiut, Egypt	

Education

▪ PhD of Pharmaceutical Analytical Chemistry	Jun 2019
Faculty of pharmacy, Assiut university, Assiut, Egypt	
▪ MSc of Pharmaceutical Analytical Chemistry	Jan 2015
Faculty of pharmacy, Assiut university, Assiut, Egypt	
▪ BSc of Pharmaceutical Sciences	Jun 2010
Faculty of pharmacy, Assiut university, Assiut, Egypt	

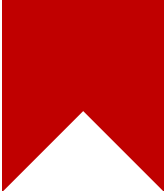
Academic Profiles

-Faculty profile: <https://www.aun.edu.eg/pharmacy/noha-mostafa-hosny-ahmed>
-Scopus: <https://www.scopus.com/authorid/detail.uri?authorId=56031675000>
-Google Scholar: <https://scholar.google.com/citations?user=IGj4vAMAAAAAJ&hl=ar&oi=ao>
-ResearchGate: <https://www.researchgate.net/profile/Noha-Hosny>
-ORCID ID: <https://orcid.org/0000-0002-6176-7702>
-ResearcherID: <https://www.webofscience.com/wos/author/record/IST-6152-2023>
-Publons: <https://publons.com/researcher/ABG-4014-2021/>



Publications

1. Michael E. El-Kommos, Samia M. El-Gizawy, Noha N. Atia, **Noha M. Hosny***. Spectrophotometric determination of some non-sedating antihistamines using erythrosine B. *ISRN Analytical Chemistry*, 2013, 2013, 1- 9.
2. Michael E. El-Kommos, Samia M. El-Gizawy, Noha N. Atia, **Noha M. Hosny***. Thin layer chromatography-densitometric determination of some non-sedating antihistamines in combination with pseudoephedrine or acetaminophen in synthetic mixtures and in pharmaceutical formulations. *Biomedical Chromatography*, 2014, 28(3), 391- 400.
3. Michael E. El-Kommos, Samia M. El-Gizawy, Noha N. Atia, **Noha M. Hosny***. Determination of some non-sedating antihistamines by fluorescence quenching of erythrosine B. *Asian Journal of Biochemical and Pharmaceutical Research*, 2014, 4(4), 145-163.
4. Michael E. El-Kommos, Samia M. El-Gizawy, Noha N. Atia, **Noha M. Hosny***. Determination of some non-sedating antihistamines via their native fluorescence and derivation of some quantitative fluorescence intensity - structure relationships. *Journal of Fluorescence*, 2015, 25, 1695-1709.
5. Michael E. El-Kommos, Samia M. El-Gizawy, Noha N. Atia, **Noha M Hosny***. Analysis for commonly prescribed non-sedating antihistamines. *Analytical Chemistry Research*, 2015, 3, 1-12.
6. Samia M. El-Gizawy, Noha N. Atia, **Noha M. Hosny***. Dual-wavelength thin-layer chromatographic-densitometric determination of febuxostat in combination with acetaminophen in synthetic mixture and in pharmaceutical formulations. *JPC-Journal of Planar Chromatography-Modern TLC*, 2017, 30(6), 488-494.
7. **Noha M. Hosny***, Noha N. Atia, Samia M. El-Gizawy, Dalia M. Badary, Mohammad S. Hareedy. Innovative HPTLC method with fluorescence detection for assessment of febuxostat-montelukast combination and study of their protective effects against gouty arthritis. *Analyst*, 2018, 143(18), 4366-4378.
8. Samia M. El-Gizawy, Noha N. Atia, **Noha M. Hosny***. Fluorimetric determination of febuxostat in dosage forms and in real human plasma via Förster resonance energy transfer. *Luminescence*, 2018, 33(5), 877-884.
9. **Noha M. Hosny***, Katherine Huddersman, Noha N. Atia, Samia M. El-Gizawy, Novel Heterogeneous Fenton's-like catalysis for degradation of colchicine coupled with extraction of its biologically active metabolite, *Journal of Molecular Liquids*, 2019, 295.
10. **Noha M. Hosny***, Katherine Huddersman, Samia M. El-Gizawy, Noha N. Atia. New approach for simultaneous analysis of commonly used antigout drugs by HPLC/UV method; Application in Pharmaceutical and Biological Analysis. *Microchemical Journal*, 2019, 147, 717-728.
11. Noha N. Atia, Samia M. El-Gizawy, **Noha M. Hosny***. Facile micelle-enhanced spectrofluorimetric method for picogram level determination of febuxostat; application in tablets and in real human plasma. *Microchemical Journal*, 2019, 147, 296-302.
12. **Noha M. Hosny***, Noha N. Atia, Samia M. El-Gizawy. A review on: Analysis of certain drugs used in gout treatment. *Microchemical Journal*, 2019, 149, 1-10.
13. **Noha M. Hosny***. A review on: Analysis of the first oral, direct factor Xa inhibitor; Rivaroxaban. *Microchemical Journal*, 2020, 159, 1-8.
14. **Noha M. Hosny***, Mohamed I. Gadallah, Rosa M. Gomila, Wesam S. Qayed. Innovative computationally designed-spectrofluorimetric method for determination of modafinil in tablets and human plasma. *Talanta*, 2022, 236, 122890.

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15. **Noha M. Hosny***, Abdelkarim M., Gadallah M. I., Mousa H. S. Development and validation of a novel evaporation setup-assisted TLC method with fluorescence detection for determination of flibanserin in pharmaceutical and biological samples. *Journal of Chromatography B*, 2022, 1195, 123204.
 16. **Noha M. Hosny***, and Marwa FB Ali. Emphasis on the incorporation of Tropaeolin OO dye and silver nanoparticles for voltammetric estimation of flibanserin in bulk form, tablets and human plasma. *Talanta*, 2022, 245, 123420.
 17. **Noha M. Hosny***. Insights into the lipophilicity of four commonly prescribed antidiabetic drugs and their simultaneous analysis using a simple TLC-spectrodensitometric method: Application to fixed-dose combination tablets and human plasma. *Journal of Chromatography B-Analytical Technologies in the Biomedical and Life Sciences*, 2022, 1206,1211.
 18. **Noha M. Hosny***, Mohamed I. Gadallah, Wesam S. Qayed. Combined experimental/computational aspects for the molecular interaction of empagliflozin with bovine serum albumin: Quantification and application to human plasma. *Luminescence*, 2023, 38(8), 1449-1457.
 19. **Noha M. Hosny***, Dalia M. Badary, Mohammad Salem Hareedy. A feasible HPTLC method for concurrent quantitation of allopurinol-montelukast co-therapy in plasma and evaluation of their hepatic and renal effects in rats: Analytical, biochemical, and histopathological study. *Journal of Pharmaceutical and Biomedical Analysis*, 2023, 233, 115439.
 20. **Noha M. Hosny***, Mohamed I. Gadallah, Ibrahim A. Darwish. A novel mesna-based electrochemical sensor embellished with silver nanoparticles for ultrasensitive analysis of modafinil. *Analytical Methods*, 2023, 15(42), 5598-5606.

Conference Participation

- Poster presentation entitled "Determination of Some Non-Sedating Antihistamines by Fluorescence Quenching of Erythrosine B" Michael E. El-Kommos, Samia M. El-Gizawy, Noha N. Atia, **Noha M. Hosny*** at Assiut University 9th International Pharmaceutical Sciences Conference, Assiut, Egypt on March 2014.
- Poster presentation entitled "Fluorimetric determination of febuxostat in dosage forms and in real human plasma via Förster resonance energy transfer" Samia M. El-Gizawy, Noha N. Atia, **Noha M. Hosny*** at Assiut University 11th International Pharmaceutical Sciences Conference, Assiut, Egypt on April 11th & 12th, 2018.
- Poster presentation entitled "Dual-wavelength thin-layer chromatographic-densitometric determination of febuxostat in combination with acetaminophen in synthetic mixture and in pharmaceutical formulations" Samia M. El-Gizawy, Noha N. Atia, **Noha M. Hosny*** at Assiut University 11th International Pharmaceutical Sciences Conference, Assiut, Egypt on April 11th & 12th, 2018.
- Virtual attendance of the 3rd Forum for Women in Research "QUWA: Women Empowerment for Global Impact", University of Sharjah, Sharjah, United Arab Emirates held on August 2022.
- Virtual attendance of the 2nd International Conference of Pharmaceutical & Therapeutical Science "PTS 2023", Faculty of Pharmacy, Menoufia University, Menoufia, Egypt held on May 2023.
- Virtual attendance and proposal participation on the 4th Forum for Women in Research "QUWA: Sustaining Women's Empowerment in Research & Innovation", University of Sharjah, Sharjah, United Arab Emirates held on August 2023.



Workshops

❖ In specialization

- **Analyzing COVID-19 Vaccine Purity Using LC-MS Technologies** “Virtual event” on September 13, 2022, organized by Labroots.
- **GC Troubleshooting Tips and Tricks from Inlet through Detection & Live Q & A - EUR** “Virtual event” on November 23, 2022, organized by Phenomenex.
- **Improvements in Sample Preparation and LC-MS Analysis of Therapeutic Oligonucleotides - EUR** “Virtual event” on November 25, 2022, organized by Phenomenex.
- **Advances in GC for Environmental Semivolatile and Volatile Organic Analysis - EUR** “Virtual event” on November 29, 2022, organized by Phenomenex.
- **5 Basic Chromatography Tools for LC or LC/MS Method Development - EUR** “Virtual event” on December 14, 2022, organized by Phenomenex.
- **High-Performance Liquid Chromatography (HPLC): Principles and Practice** “Attendance” on March 15 & 16, 2023, organized by Drug Research Center, Assiut University, Assiut, Egypt.
- **Exploring the Power of (HPTLC) Advancements and Applications** “Virtual event” on May 9, 2023, organized by Nawah Scientific, Cairo, Egypt.
- **Capillary Electrophoresis** “Virtual event” on May 13, 2023, organized by Faculty of Pharmacy, Menoufia University, Menoufia, Egypt.

❖ In Teaching & Research

- **Sustainable Development through Green Chemistry** “Virtual event” on September 4, 2020, organized by Centre of Chemistry & Chemical Excellence (CCCE), India.
- **How to Select the Right Journal to Submit your Manuscript** “Virtual event” on September 10 & 16, 2020, organized by National Research Centre, Cairo, Egypt.
- **Coronavirus Disease (COVID 19) and Possibility of Second Pandemic in the World** “Virtual event” on September 22, 2020, organized by National Research Centre, Cairo, Egypt.
- **Using research Metrics and Indicators Effectively in Grant Proposals** “Virtual event” on September 24, 2020, organized by EKB and El-Sevier.
- **The Bylaw of Promoting Academic Staff - 13th Round (2019-2022 -Part 2** “Virtual event” on October 18, 2020, organized by Scientific Research Development Unit, Tanta University, Tanta, Egypt.
- **Design of Electronic exams** “Virtual event” on January 26, 2021, organized by Measurement and Assessment Center, Assiut University, Assiut, Egypt.
- **Automatic Correction using “OMR” Program** “Virtual event” on November 8, 2021, organized by IT Unit, Faculty of Pharmacy, Assiut University, Assiut, Egypt.
- **Marine Natural Product Drug Leads for Development of ‘Host-Directed Therapies’ to Manage 21st Century Pandemics** “Virtual event” on September 30, 2022, organized by Faculty of Pharmacy, Helwan University, Egypt.
- **Reaxys for Empowering Innovation in Chemistry Research** “Virtual event” on October 19, 2022, organized by EKB and National Research Centre, Cairo, Egypt.
- **Towards Research Excellence with Elsevier Boosting the Visibility of my Research** “Virtual event” on December 28, 2022, organized by National Research Centre, Cairo, Egypt.
- **Skills in using ChatGPT to Analyze Scientific Research Data and Discuss Results** “Virtual event” on January 23, 2023, organized by the Scientific Association for Studies and Applied Research, Mansoura, Egypt.
- **Open Access for Egypt - What you Need to Know in 2023 from How to Publish your Article and Get Funded to Nature Newly Introduced** “Virtual event” on February 1, 2023, organized by STDF and EKB, Egypt.
- **Accelerate your Science Research and Education through JoVE** “Virtual event” on February 31, 2023, organized by EKB, Egypt.
- **The Nature Academies Workshop: Academic Writing Strategies** “Virtual event” on December 12,



2023, organized by EKB, Egypt.

- **How to Prepare Electronic Exam and Applications on Different Types of Test Items** “virtual event” on November 1, 2023, organized by the Information Technology Unit, Faculty of Pharmacy, Assiut University, Assiut, Egypt.

❖ **FLDC, Assiut University**

- **Communication Skills**, Attendance on July 9-11, 2011.
- **Quality Standards in Teaching-1**, Attendance on January 8-10, 2012.
- **Time and Conference Management**, Attendance on January 14-16, 2012.
- **How to Compete for a Research Fund**, Attendance on January 21-23, 2012.
- **Research Ethics**, Attendance on October 11-12, 2014.
- **Code of Ethics**, Attendance on October 14-15, 2014.
- **Effective Presentation**, Attendance on May 16-17, 2015.
- **University Administration**, Attendance on September 20-21, 2015.
- **Design and Conduct Scientific Research**, Attendance on September 28-29, 2015.
- **Scientific Research funding and Grants**, Attendance on April 28-29, 2019.
- **Statistical Analysis in Scientific Research**, Attendance on October 25-26, 2019.
- **Credit Hour System**, Online Training on June 7-9, 2020.
- **Student Evaluation**, Online Training on June 14-16, 2020.
- **Strategic Planning**, Online Training on June 14-16, 2020.
- **Recent Trends in the Development of Higher Educational Institutions**, Online Training on September 11-13, 2022.
- **Crisis Management**, Online Training on December 29-31, 2023.
- **Mobile Applications**, Online Training on February 13-15, 2024.

Supervising postgraduate students' dissertations

❖ **In progress**

- PhD thesis by pharmacist/ Rania Sayed Ibrahim.
- Master thesis by pharmacist/ Menna Allah Mohammed Bahaa Eldin.
- Master thesis by pharmacist/ Nouran Khaled Abdelaziz.
- Master thesis by pharmacist/ Arwa Atif Tawfiq.

Editorial and Reviewing

Participating as a reviewer for:

- Luminescence: The journal of biological and chemical luminescence.
- BMC Chemistry.

Activities in academic society and community

- Member of the General Syndicate of Pharmacists in Egypt.
- Member of Sohag Pharmacists Syndicate.
- Member of the Committee of Postgraduate Studies and Research - Quality Assurance Unit at Faculty of Pharmacy, Assiut University.
- Member of the Committee of Community Service and Environmental Development at Faculty of Pharmacy, Assiut University.
- Member of the Committee of Development of Postgraduate Courses, and Committee of Courses Development - Pharmaceutical Analytical Chemistry Department at Faculty of Pharmacy, Assiut University.

Head of the Department

Dean of Faculty

Prof. Dr. Noha Nahedj Atia

Prof. Dr. Gihan Nabil Hassan Fetih