

Academic curriculum vitae



Name: Al-Montaser Bellah Hamed Ali

Address: Al Besri, Assiut, 71511, Egypt

Contact information:

Work: 002-088-2411520 Home: 088-2358806 02-01008501356

e-mail: almontaser_bellah@aun.edu.eg almontaser_bellah@yahoo.com

Sex: Male

Date of birth: 10/7/1988

Nationality: Egyptian

Academic education:

Mar 2017–Jul 2022 Ph.D. degree in Pharmaceutical Sciences, Faculty of Pharmacy, Assiut University, Assiut (Egypt)

Thesis title: "analytical study of possible pharmacokinetic interaction between phosphodiesterase-5 inhibitors and certain concomitantly-administered drugs"

Sep 2010–Jan 2016 Master's degree in Pharmaceutical Sciences (M.Sc.) Faculty of Pharmacy, Assiut University, Assiut (Egypt)

Thesis title: "Determination of some central antiemetic drugs using different analytical techniques"

Sep 2005–Jun 2010 Bachelor's degree in Pharmaceutical Sciences (B.Sc.)

Faculty of Pharmacy, Assiut University, Assiut (Egypt)

Summa cum laude; ranked 3rd on class.

Academic career:

Aug 2022- present Lecturer

Mar 2017- 2022 Assistant lecturer

Dec 2010 - Feb 2017 Teaching assistant

▪ Department of analytical chemistry, Faculty of Pharmacy, Assiut University, Assiut (Egypt)

Mother tongue: Arabic

Other language: English (ILETS score 6.5)

Scopus H index: 10

Google scholar: <https://scholar.google.com/citations?user=9EuAw2YAAAAJ&hl=en>

Job-related skills:**(A) Teaching:**

Undergraduate: Practical and theoretical experience of teaching different analytical chemistry topics (14 years' experience):

- 1) All volumetric techniques of analysis (Acid-base, redox, complexometry, precipitometry).
- 2) All instrumental techniques of analysis (Chromatography, electrochemistry, spectroscopy).
- 3) Qualitative analysis (Analysis of cations and anions).
- 4) Environmental analysis (air and water analysis).
- 5) Advanced spectroscopic techniques.
- 6) Physical pharmacy and basics of inorganic chemistry.
- 7) Chemical kinetics

Postgraduate:

- 1) Bioanalytical Methods.
- 2) Laboratory Safety and Disposal of Hazards.
- 3) Analysis of drugs in biological fluids.

(B) Research related skills

- Extraction of pharmaceutical compounds from different matrices using different extraction methods.
- Analysis of pharmaceutical compounds using HPLC, HPTLC, square wave and cyclic voltammetry, spectrophotometry and spectrofluorometry.
- Synthesis of different nanoparticles.
- Statistical interpretation of data using different software: Endnote, origin lab, design expert, all Microsoft office applications, AGREE, Gpower, GraphPad Prism and ChemDraw.

Conferences:

March 2014: Assiut University 9th Pharmaceutical Sciences Conference

Faculty of Pharmacy, Assiut, Egypt (participant with poster entitled

Analysis of ondansetron, granisetron and tropisetron via charge transfer complexation).

Workshops:

- **November 2014:** How to Cope with Scientific Literature Using End note, Redcube & Google scholar.
- **December 2014:** Financial and Legal Aspects in University Operations
- **December 2014:** Examination Systems and Student Evaluation
- **December 2014:** Professional Behavior
- **April 2016:** Communication Skills in Various Teaching Styles

- **May 2016:** How to Design an Online Course
- **May 2016:** Using Technology in Teaching
- **December 2018:** Voltammetric techniques (trainer).
- **January 2022:** Quality Standards in the Teaching Process
- **January 2022:** Research Ethics
- **February 2022:** Analytical and Creative Thinking in Teaching
- **May 2022:** Technical Aspects of Designing and Conducting Scientific Research
- **June 2022:** Recent Trends in the Development of Higher Education Institutions
- **June 2022:** Effective Communication Skills
- **December 2024:** Preparing a Proposal for a Competitive Research Project

Publications:

1. Ahmed Z. Alanazi, Khalid Alhazzani, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali, Mahmoud Darweesh, Hossieny Ibrahim, A novel disposable ultrasensitive sensor based on nanosized ceria uniformly loaded carbon nanofiber nanoceramic film wrapped on pencil graphite rods for electrocatalytic monitoring of a tyrosine kinase inhibitor capmatinib, *Talanta* (2024) 126610.
2. Khalid Alhazzani, Ahmed Z. Alanazi, Aya M. Mostafa, James Barker, Hossieny Ibrahim, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali, Enhanced dual fluorescence quenching of red and blue emission carbon dots by copper dimethyldithiocarbamate for selective ratiometric detection of ziram in foodstuff and water samples, *Microchemical Journal*, (2024) 204: 111092.
3. Khalid Alhazzani, Ahmed Z. Alanazi, Aya M. Mostafa, James Barker, Hossieny Ibrahim, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali, Exploiting the pH-responsive behavior of zinc-dithizone complex for fluorometric urea sensing utilizing red-emission carbon dots, *Microchemical Journal* (2024) 204: 111129.
4. Alqahtani YS, Ashraf M. Mahmoud, Al-Montaser Bellah H. Ali., Mohamed M. El-Wekil, Enhanced fluorometric detection of histamine using red emissive amino acid-functionalized bimetallic nanoclusters. *RSC Advances* (2024), 14, 18970-18977.
5. Alqahtani YS, Ashraf M. Mahmoud, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali. Dual modulation of blue-fluorescent carbon dots for simultaneous detection of topotecan and pantoprazole. *Analytical methods*, 2024,16, 3287-3296.

6. Ali M. Alaseem, Khalid Alhazzani, Ahmed Z. Alanazi, Saud M. Alsanad, Osama A. Alkhamees, Glow Alasiri, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali. Dual-Modulation ratiometric fluorescence strategy for cobalt and topotecan detection using Red-Emissive carbon dots. *Microchemical Journal* (2024) 201: 110645.
7. Alqahtani YS, Ashraf M. Mahmoud, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali. Ratiometric Sensing of Azithromycin and Sulfide Using Dual Emissive Carbon Dots: A Turn On-Off-On Approach. *Journal of Fluorescence* (2024)
8. Ahmed Z. Alanazi, Khalid Alhazzani, Aya M. Mostafa, James Barker, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali. Highly selective fluorometric detection of streptokinase via fibrinolytic release of photoluminescent carbon dots integrated into fibrin clot network. *Microchemical Journal* (2024) 197:109800.
9. Alqahtani YS, Ashraf M. Mahmoud, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali. Selective fluoride detection based on modulation of red emissive carbon dots fluorescence by zirconium-alizarin complex: Application to Nile River water and human saliva samples. *Microchemical Journal* (2024) 198:110184.
10. Khalid Alhazzani, Ahmed Z. Alanazi, Aya M. Mostafa, James Barker, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali, A dual emissive silver-riboflavin complex and nitrogen-doped carbon dot nanoprobe for ratiometric detection of glutathione. *Microchemical Journal* (2024) 199:109996.
11. Ahmed Z. Alanazi, Khalid Alhazzani, Ashraf M. Mahmoud, Ali, Al-Montaser Bellah H. Ali & Mohamed M. El-Wekil. Advanced fluorescence-based determination of carboplatin, a potent anticancer agent, with tripeptide-functionalized copper nanoclusters. *Microchemical Journal* (2024)199. 110000. 10.1016/j.microc.2024.110000.
12. Khalid Alhazzani, Ahmed Z. Alanazi, Aya M. Mostafa, James Barker, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali. Selective fluorescence turn-on detection of combination cisplatin-etoposide chemotherapy based on N-CDs/GSH-CuNCs nanoprobe. *RSC Advances* (2024) 14(4):2380-2390.
13. Khalid Alhazzani, Ahmed Z. Alanazi, Aya M. Mostafa, James Barker, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali. Cobalt-modulated dual emission carbon dots for ratiometric fluorescent vancomycin detection. *RSC Advances* (2024) 14(8):5609-5616.
14. Ahmed Z. Alanazi, Khalid Alhazzani, Aya M. Mostafa, James Barker, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali. Selective and reliable fluorometric quantitation of anti-cancer drug in real plasma samples using nitrogen-doped carbon dots after MMIPs solid phase microextraction: Monitoring methotrexate plasma level. *J Pharm Biomed Anal.* (2024) Jan 20;238:115862.

15. Bandar A. Alyami, Ashraf M. Mahmoud, Ali O. Alqarni, Al-Montaser Bellah H. Ali & Mohamed M. El-Wekil, Ratiometric fluorometric determination of sulfide using graphene quantum dots and self-assembled thiolate-capped gold nanoclusters triggered by aluminum. *Microchimica Acta* (2023)190, 467.
16. Khalid Alhazzani, Ahmed Z. Alanazi, Aya M. Mostafa, James Barker, Mohamed M. El-Wekil and Al-Montaser Bellah H. Ali, A novel microextraction technique aided by air agitation using a natural hydrophobic deep eutectic solvent for the extraction of fluvastatin and empagliflozin from plasma samples: application to pharmacokinetic and drug–drug interaction study, *RSC Advances*, 13, 2023, 31201-31212.
17. Ashraf M. Mahmoud, Saad A. Alkahtani, Yahya S. Alqahtani, Rasha MK Mohamed, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali, Ultrasensitive and selective determination of naringin using eggplant peel-derived nitrogen doped-carbon dots after extraction with Amberlite IRA-400: Evaluation the bitterness of grapefruit juice, *Microchemical Journal*, 194, 2023, 109358.
18. Ali O Alqarni, Ashraf M Mahmoud, Bandar A Alyami, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali, Fired brick microparticles assisted oxidative radical polymerization of pyrrole for electrochemical sensing: Application to the determination of ciprofloxacin and metanil yellow in food products and environmental samples, *Microchemical Journal*, 195, 2023, 109486
19. Ahmed Z. Alanazi, Khalid Alhazzani, Aya M. Mostafa, James Barker, Sabrein H. Mohamed, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali, Monitoring antiviral active metabolite (N-hydroxycytidine) levels in plasma in presence of carboxylesterase-2 inhibitor verapamil using copper tetracyanoquinodimethane enhanced sensor, *1. Microchemical Journal, Volume 194,2023, 109330.*
20. Khalid Alhazzani, Ahmed Z. Alanazi, Aya M. Mostafa, James Barker, Mohamed M. El-Wekil and Al-Montaser Bellah H. Ali, A selective dual quenching sensor (EY/BG@CDs) for simultaneous monitoring of gentamicin and ketorolac levels in plasma: a highly efficient platform that caters to the needs of therapeutic drug monitoring, *RSC Advances*, 13, 2023, 28940-28950.
21. Saad A. Alkahtani, Ashraf M. Mahmoud, Yahya S. Alqahtani, Al-Montaser Bellah H. Ali, Mohamed M. El-Wekil, Selective detection of rutin at novel pyridinic-nitrogen-rich carbon dots derived from chicken feet biowaste: The role of bovine serum albumin during the assay, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, Volume 303, 2023, 123252.

22. Azza H. Rageh, Fatma A. M. Abdel-aal, Sherien A. Farrag, Al-Montaser Bellah H. Ali, A Surfactant-based Quasi-Hydrophobic Deep Eutectic Solvent for Dispersive Liquid-Liquid Microextraction of Gliflozins from Environmental Water Samples using UHPLC/Fluorescence Detection, *Talanta*, 2023, 124950.
23. Ashraf M. Mahmoud, Samer S. Abu-Alrub, Ali O. Alqarni, Mohamed M. El-Wekil, Al-Montaser Bellah H. Ali, Convenient electrochemical and fluorometric dual-mode estimation of diosmin using carbon dots doped with nitrogen derived from chicken feet biowaste, *Microchemical Journal*, 191, 2023, 108929.
24. Al-Montaser Bellah H. Ali, Fatma A. M. Abdel-aal, Azza H. Rageh and Abdel-Maaboud I. Mohamed. Anatase titanium oxide nanoparticles and multi-walled carbon nanotubes-modified carbon paste electrode for simultaneous determination of avanafil and doxorubicin in plasma samples. *Microchemical Journal*. 2022;185: 108261.
25. Al-Montaser Bellah H. Ali, Fatma A. M. Abdel-aal, Azza H. Rageh and Abdel-Maaboud I. Mohamed. A comprehensive review on analytical techniques for determination of sex stimulants, PDE5 inhibitors in different matrices with special focus on the electroanalytical methods. *Critical Reviews in Analytical Chemistry*.
26. Al-Montaser Bellah H. Ali, Fatma A. M. Abdel-aal, Azza H. Rageh and Abdel-Maaboud I. Mohamed. Cytochrome P450 3A4-mediated pharmacokinetic interaction study between Tadalafil and Canagliflozin using High Performance Thin Layer Chromatography. *Journal of Separation Science*. 2022.
27. Al-Montaser Bellah H. Ali, Fatma A. M. Abdel-aal, Azza H. Rageh and Abdel-Maaboud I. Mohamed. Hybrid NiO nanostructured/sulfanilamide polymeric film for studying possible pharmacokinetic interaction between avanafil and nimodipine in real human serum by their simultaneous determination using square-wave voltammetry. *Microchemical Journal*. 2022; 172: 106895.
28. Abdel Hakiem AF, Kamal AM, Al-Montaser Bellah H. Ali, Salem RA, Aboraia AS. Predictive retention study of β -blockers in different chromatographic systems as potential tool for lipophilicity screening based on QSRR approach. *Journal of Liquid Chromatography & Related Technologies*. 2021;44(1-2):12-24.
29. Abdel-Maaboud I. Mohamed, Azza H. Rageh, Fatma A. M. Abdel-aal and Al-Montaser Bellah H. Ali. Pencil Graphite Electrode Decorated with Xylenol Orange Flakes for Studying Possible Pharmacokinetic Interaction Between Vardenafil and Daclatasvir. *Electroanalysis*. 32 (2020) 3, 635-664.
30. Abdel-Maaboud I. Mohamed, Niveen A. Mohamed, Al Montaser Bellah H. Ali. Development and validation of RP-HPLC method for simultaneous determination of

ondansetron hydrochloride and granisetron hydrochloride in their admixtures with pantoprazole sodium. *Thai Journal of Pharmaceutical Sciences*. 2020; 44 (2): 82-90

- 31.** Abdel-Maaboud I. Mohamed, Niveen A. Mohamed, Al Montaser Bellah H. Ali. Simultaneous Determination of Three 5-HT₃ Receptor Antagonists Accompanied by Stability Study Using Thin-Layer Chromatography–Densitometry. *Journal of Planar Chromatography*. 2019; 32 (4), 1–10