



CURRICULUM VITA

Dr. Khalid Mohamed Badr El-Din Abdel-Naser

Full Name: Khalid Mohamed Badr El-Din Abd El-Naser

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Personal Data:

- Date of Birth: 20/2/1977
- Place of Birth: Bany Mazar- El-Minya
- Religion: Moslim
- Nationality: Egyption
- Marital Status: Married with four daughters

Language Spoken:

- Arabic: Mother Tongue.
- English: Very good command of English written and spoken.

Computer Skills:

- Basic computer skills: Microsoft office (Windows, word, excel and power point).

Current job:

- Professor of analytical chemistry - Faculty of pharmacy – Minia University – Egypt from 1/2025 till now.
- Assistant professor of analytical chemistry - Faculty of pharmacy – Minia University – Egypt from 9/2019 till 1/2025.
- Co-Ordinator of clinical pharmacy program – Faculty of pharmacy – Minia University – Egypt from 10/2019 till now.

Positions and Activities

- Vice Dean of students affairs and education of Faculty of pharmacy – Minia University – Egypt
- Co-Ordinator of clinical pharmacy program – Faculty of pharmacy – Minia University – Egypt from 10/2019 till 8/2025.
- General coordinator of student activities in Faculty of Pharmacy – Minia University from 2014 – 2017.
- Deputy Executive Director of quality assurance Unit in Faculty of Pharmacy – Minia University 2014-2015.
- Executive Director of quality assurance Unit in Faculty of Pharmacy – Minia University from 26/3/2017 to 30/10/2017.
- I have My Own pharmacies from 2001 till now with different locations in Minia government – not less than 200 pharmacist and assistant have worked for me, with different experiences and abilities, so I have great experience in the labor market and its requirements.

Educational Back-ground:

- **PHD** of analytical chemistry 2009, thesis is entitled:
"Analytical study of certain phenolic group containing drugs"
- The **master** degree of analytical chemistry 2005, entitled:
"Spectrophotometric Determination of Certain Cephalosporins"
- **Bachelor of Pharmaceutical Sciences** 1999, Assiut University with very good degree with grade of honor (percentage 83.57 %).

Teaching experiences:

- **From 1/2025 till now** as professor of Analytical chemistry department, Faculty of pharmacy, Minia University.
- **From 09/2019 till 1/2025** as assistant professor of Analytical chemistry department, Faculty of pharmacy, Minia University.
- **From 1/2019 till 9/2019** as lecturer of Analytical chemistry department, Faculty of pharmacy, Minia University.
- **From 11/2017 till 1/2019** as lecturer of Analytical chemistry department, Faculty of pharmacy, Deraya University.
- **From 01/2014 till 10/2017** as lecturer of Analytical chemistry department, Faculty of pharmacy, Minia University.
- **From 03/2010 – 01/2013** as lecturer of Analytical chemistry department, Faculty of pharmacy, Nahda University.
- **From 09/2008 – 02/2010** as assistant lecturer of Analytical chemistry department, Faculty of pharmacy, Nahda University.

Publications:

- 1- Hesham Salem, Khalid M. Badr El-Din, Gamal A. Saleh and Afaf Aboul Kheir, ***Bull. Fac. Pharm. Cairo Univ.***, 44 (2006) 215, Spectrophotometric Determination of Certain Cephalosporins In Pure Forms And In Their Pharmaceutical Formulations.
- 2- Mahmoud A. Omar, Khalid M. Badr El-Din, Hesham Salem and Osama H. Abdelmageed, ***Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy***, 192 (2018) 108, Spectrophotometric and spectrofluorimetric methods for determination of certain biologically active phenolic drugs in their bulk powders and different pharmaceutical formulations
- 3- Mahmoud A. Omar, Khalid M. Badr El-Din, Hesham Salem and Osama H. Abdelmageed, ***Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy***, 193 (2018) 310, Novel kinetic spectrophotometric method for estimation of certain biologically active phenolic sympathomimetic drugs in their bulk powders and different pharmaceutical formulations
- 4- Mahmoud A. Omar, Khalid M. Badr El-Din, Hesham Salem and Osama H. Abdelmageed, ***Journal of Molecular Structure***, 1185 (2019) 92, Development and validation of Novel Spectrophotometric and high performance liquid chromatography methods for simultaneous determination of binary mixture of etilefrine hydrochloride and chlorpheniramine maleate in their bulk powders and different pharmaceutical formulations
- 5- Khalid M. Badr El-Din and Tamer Z. Attia, ***Luminescence***, 32 (2017) 706, Spectrofluorimetric determination of certain adrenergic agonist drugs in their pure forms and pharmaceutical formulations: Content uniformity test application,
- 6- Sayed M. Derayea, Khalid M. Badr El-Din and Fatma F. Mohammed, ***Luminescence***, 32 (2017) 1482, Selective spectrofluorimetric method for determination of Lisinopril in pharmaceutical preparations and in presence of hydrochlorothiazide: Application to content uniformity testing.
- 7- Sayed M. Derayea, Khalid M. Badr El-Din and Fatma F. Mohammed, ***Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy***, 188 (2018) 318, An innovative validated spectrofluorimetric method for determination of Lisinopril in presence of hydrochlorothiazide; application to content uniformity testing.

- 8- Fatma F. Mohammed, Khalid M. Badr El-Din and Sayed M. Derayea, *RSC Advance*, 8 (2018) 16269, Switch on fluorescence probe for the selective determination of lisinopril in pharmaceutical formulations: application to content uniformity testing.
- 9- Bawazeer, S., Khalid M. Badr El-Din and Ahmed M. Abdel-Megied, *Journal of Analytical Methods in Chemistry*, 14 (2018) 7463914, Development and Validation of a Versatile UPLC-PDA Method for Simultaneous Determination of Paracetamol, Tizanidine, Aceclofenac, and Nimesulide in Their New Combinations.
- 10 Fatma F. Mohammed, Khalid M. Badr El-Din and Sayed M. Derayea, *Journal of Advanced Biomedical and Pharmaceutical Sciences*, 2019, Two smart spectrophotometric methods for simultaneous determination of Lisinopril and Hydrochlorothiazide in binary mixtures.
- 11- Ahmed M. Abdel-Megied and Khalid M. Badr El-din, *Biomedical Chromatography*, 2019, Development of a novel LC–MS/MS method for detection and quantification of tramadol hydrochloride in presence of some mislabeled drugs: Application to counterfeit study.
- 12- Khalid M. Badr El-din, *Journal of Advanced Biomedical and Pharmaceutical Sciences*, 2019, Novel chemo-fluorimetric methods for determination of bambuterol hydrochloride in presence of the active metabolite terbutaline.
- 13- Sayed Mohamed Derayea, Mahmoud Ahmed Omar, Mohamed Abdelkhalek Hammad, Yasser Farag Hassan, Khalid M. Badr El-Din, *Microchemical Journal*, 160 (2021) 105717, Augmented spectrofluorimetric determination of certain fluoroquinolones via micellar – Metal complex connection: Application to pharmaceuticals and biological fluids.
- 14- Sayed M Derayea, Hoda Madian, Ebtihal Samir, Ahmed A Hamad, Khalid M. Badr El-Din, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 273 (2022) 21024, A feasible fluorimetric approach anchored in diaryl pyrrolone derivative for the facile analysis of milnacipran in tablets; evaluation of the method greenness.
- 15- Tamer Z. Attia, Mahmoud A. Abdelmajed, Mahmoud A. Omar, Sultan S. Al Thagfand and Khalid M. Badr El-Din, *RSC Advance*, 12 (2022) 33559, New validated spectrofluorimetric protocol for colistin assay through condensation with 2,2- dihydroxyindan-1,3-dione: application to content uniformity testing.
- 16- Sayed M. Derayea, Fatma F. Mohammed, Khalid M. Badr El-Din, *Luminescence*, 38 (2023) 2065, Sensitive spectrofluorimetric determination of the prokinetic drug prucalopride succinate based on supramolecular aggregation approach with evaluation of method greenness: application to content uniformity test.
- 17- Sayed M. Derayea, Fatma F. Mohammed, Ahmed A. Hamad, Khalid M. Badr El-Din, *Sustainable Chemistry and Pharmacy*, 37(2024) 101421, Integration of sustainable chemistry frameworks with a single-pot, on-off fluorescence approach for enabling the facile quantification of mosapride; Application to pharmaceutical tablets and content uniformity.
- 18- Sayed M. Derayea, Hadeer A. Elhamdy, Khalid M. Badr El-Din, Mohamed Oraby, *RSC Advances*, 14 (2024) 4065, Novel spectrofluorometric approach for assessing vilazodone by blocking photoinduced electron transfer: analytical performance, and greenness– blueness evaluation.
- 19- Sayed M. Derayea, Khalid M. Badr El-Din, Ahmed S. Ahmed, Mohamed A. Abdelshakour, Mohamed Oraby, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 311 (2024) 123986, An eco-friendly one-pot spectrofluorimetric approach for the facile determination of overactive bladder drug, tolterodine: Application to dosage forms and biological fluids.
- 20- Khalid M. Badr El-Din, Sayed M. Derayea, Fatma F. Mohammed, Ahmed Abdulhafez Hamad, *RSC Advances*, 14 (2024) 7797, Integrated resonance Rayleigh scattering approach utilizing Box–Behnken experimental design for the facile quantification of prucalopride in pharmaceutical tablets and human urine with sustainability assessment.
- 21- Sayed M. Derayea, Ahmed S. Ahmed , Mohamed A. Abdelshakour, Mohamed Oraby, Khalid M. Badr El-Din, *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* 318 (2024) 124515, Diaryl pyrrolone fluorescent probing strategy for Mirabegron determination through condensation with ninhydrin and phenylacetaldehyde: Application to dosage forms, human urine and plasma.

- 22- Sayed M. Derayea, Hadeer A. Elhamdy, Khalid M. Badr El-Din, Mohamed Oraby, *Journal of Molecular Liquids* 391 (2023) 123264, Versatile applications of a spectrofluorimetric approach based on photo-induced electron transfer blocking of Lurasidone.
- 23- Sayed M. Derayea, Khalid M. Badr El-din, Ahmed S. Ahmed, Ahmed A. Khorshed and Mohamed Oraby, *BMC Chemistry* (2024) 18, Determination of antihistaminic drugs alcaftadine and olopatadine hydrochloride via ion-pairing with eosin Y as a spectrofluorimetric and spectrophotometric probe: application to dosage forms.
- 24- Khalid M. Badr El-Din, Hesham Salem, Sayed Derayea, Amany Abdelaziz, Dalia M. Nagy, *Luminescence* 38 (2023), 1583, Utilization of erythrosine B in spectrofluorimetric quenching analysis of amlodipine and perindopril in pharmaceutical and biological matrices.
- 25- Khalid M. Badr El-Din, Mahmoud A. Abdelmajed, Mahmoud A. Omar, Tamer Z. Attia, *Luminescence* 37 (2022), 971, Salvage parenteral antibiotics for multidrug-resistant (MDR) Gram-negative bacteria; a fluorescamine-based technique for ultrasensitive spectrofluorimetric measurement of Polymyxins; human plasma application.
- 26- Tamer Z. Attia, Mahmoud A. Abdelmajed, Mahmoud A. Omar, Khalid M. Badr El-Din, *Journal of Fluorescence* 32 (2022), 603, Selective Spectrofluorimetric Protocol for Determination of Commonly Used Gram-negative Bactericidal Drug in Combined Pharmaceutical Dosage Forms and Human Plasma.
- 27- Khalid M. Badr El-Din, Mahmoud A. Abdelmajed, Mahmoud A. Omar, Tamer Z. Attia, *Luminescence*. 36 (2021), 1249, The first spectrofluorimetric approach for quantification of colistin sulfate and its prodrug colistimethate sodium in pharmaceutical dosage form and human plasma.
- 28- Hesham Salem, Amany Abdelaziz, Sayed Derayea, Dalia M. Nagy, Khalid M. Badr El-Din, *Chemical Papers* 77 (2023), 2817, Spectrofluorimetric assay of amlodipine and perindopril in their raw materials, pharmaceutical formulations and spiked human plasmathrough the formation of complexes with Eosin Y.
- 29- Sayed M. Derayea, Dalia M. Nagy, Khalid M. Badr El-Din, Tamer Z. Attia, Ebtihal Samir, Abobakr A. Mohamed and Ahmed A. Hamad, *RSC Advance*, 12 (2022), 17607, Green innovative fluorescence approach for the feasible and reliable assay of thiol-containing drugs; captopril as a model.

Conferences attended:

- 1- Assiut University 4th pharmaceutical sciences conference March 6&7, 2004 a poster entitles: *Spectrophotometric Determination of Certain Cephalosporins*
- 2- Assiut University 6th international pharmaceutical sciences conference March 12&13, 2008 a poster entitles: *Kinetic Spectrophotometric Method for Determination of Certain Phenolic Drugs*
- 3- Egyptian Pharmaceutical Society XXXI Conference of Pharmaceutical Sciences December 23–25 2008 a poster entitles: *Spectrophotometric and Spectrofluorimetric*

Training Courses

Course Name	Date
Develop effective communication skills	25-27/1/2005
Quality standards in the teaching process	18-19/2/2013
Effective presentation	4-5/2/2013
Organizing scientific conferences	9-10/12/2013
Strategic planning	20-21/1/2019
Financial and legal aspects	12-13/9/2018
Exam systems and student assessment	30-31/12/2018
Creating websites	25-26/10/2017
Advanced Word Processing	24-25/2/2019
Statistical Analysis Using SPSS	2-4/9/2018

Creating personal websites	29-30/10/2023
EndNote	24-25/3/2024
University administration	8-9/10/2023
Dealing with students with special needs	5-6/11/2023
anti-Corruption	14-15/11/2023
Using technology in teaching	10-11/1/2024

Workshops

Workshop	Date
Electrophoresis workshop	12-14/3/2015
The use of nanoparticles in pharmaceutical and biological analysis	17-21/7/2016
LC/MS/MS and its Applications	11-12/2/2019
Approaches of Green Chemistry in Pharmaceutical Sciences	12-13/3/2019
2DNMR	20/8/2023
Green Analytical Chemistry	12/2/2024
Recent Advances In Liquid Chromatography	4/3/2024

Professor References:

1-Prof. Dr. Osama Hassan El-Sawy: Professor of Analytical Chemistry Faculty of Pharmacy, King Abdul-Aziz University, Jeddah, Saudi Arabia

E-mail address: oelsawy006@gmail.com

2- Prof. Dr. Gamal Ahmed Saleh: Professor of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Assuit University.

Postal address: Analytical chemistry department, faculty of pharmacy, Assuit University. E-mail address: gasaleh@acc.aun.eun.eg, Mobile: 01001089072

3- Prof. Dr. Mahmoud Ahmed Omar: Professor of Pharmaceutical Analytical Chemistry, Pharmaceutical Chemistry Department, Faculty of Pharmacy, Taibah University, Medinah, Saudi Arabia. E-mail address: momar71g@yahoo.com.