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CURRICULUM VITAE



Personal information:

- **Name:** Bassam Shaaban Mohammed Ibrahim El-Arabi
- **Date of Birth:** 16/11/1978
- **Nationality:** Egyptian
- **Marital status:** Married
- **Tel:** 01009734060- 01207063939- 0482074539
- **Official E-mail:** Bassam.shaaban@phrm.menofia.edu.eg
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Address:

- Shibin Elkoum/ Menoufia / Egypt.

Current position:

- Lecturer of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Menoufia University.

Qualification:

- **PhD in Pharmaceutical Analytical Chemistry- Minia university (2020)**
Spectrophotometric and Spectrofluorimetric Analysis of Some Central Nervous System Drugs in Their Pure Forms and Pharmaceutical Preparations
- **M. Sc. in Pharmaceutical Analytical Chemistry- Minia university (2017)**
Analytical Study of Some Direct Acting Hepatic Antivirals in Pharmaceutical Preparations and Biological Fluids
- **B.Sc. of Pharmaceutical Sciences, Faculty of Pharmacy-Al-Azhar University- Assiut branch (2003).**

Experience:

- **Lecturer of Pharmaceutical Analytical Chemistry**
(October 2020- up to now)
- **Administrator of public service center- faculty of pharmacy- Menoufia University.**
(September 2020 - October 2022)
- **Assistant lecturer of Pharmaceutical Analytical Chemistry**
(August 2017 - September 2020)
- **Supervision of practical pharmaceutical Analytic Chemistry of undergraduate student**
(July 2017 – up to now)
- **Demonstrator of Pharmaceutical Analytical Chemistry**
(July 2012 - July 2017)
- **Pharmacist in Al- Nahdi Medical Compony in KSA**
(2005-2012)
- **Bachelor of Pharmaceutical Sciences, Faculty of Pharmacy-Al-Azhar University- Assiut branch (2003): Very Good with honor degree**
(September 1998 - June 2003)

Teaching experience:

Teaching the following course:

- Physical Chemistry (Chemical Kinetics, rate of reaction, first Order reaction)
- Qualitative and Quantitave Analysis.
- Introduction to general Chemistry, Types of chemical reactions.
- Volumetric Analysis (Acid-Base, Precipitometric, Complpexometric, Redox reactions)
- Electrochemical methods.
- Instrumental Analysis (Spectroscopic methods of analysis which include UV/VIS spectroscopy)
- Chromatographic methods for analytical chemistry.
- Quality control & quality assurance of pharmaceuticals.
- Advanced pharmaceutical Analysis.
- Food Analysis course.
- Analysis of Cosmetic Products.

Research interest:

I am very interested of the following research area:

- Electroanalysis Technique.
- Nanotechnology.
- Spectroscopy and Chromatography Techniques
- Chemometric Method for Analysis

Conference and Symposium:

- Poster presentation in 1st International Conference of the Pharmacy Delta University for Science and Technology (DU-PHARMA) (2021)
- Organizer of the first Menoufia Pharmacy Jop Fair (2022)
- Executive conference committee of the first international conference of Faculty of Pharmacy, Menofia University “Drug Development From Benchside To Bedside” (2018).

Publication:

1- Sensitive spectrofluorimetric protocol for the determination of fluoxetine and paroxetine through binary complex formation with eosin Y.

S Derayea, Omar, BS Mohammed, R Ali Analytical Chemistry Letters 6 (5), 508-517 (2016)
<https://www.tandfonline.com/doi/abs/10.1080/22297928.2016.1239549>

2- Sensitive spectrofluorimetric assay based on micelle enhanced protocol for the determination hepatitis C antiviral agent (simeprevir): Application to dosage form and human plasma.

BS Mohammed, AE Hamad, SF El-Malla, SM Derayea Microchemical Journal 152, 104372 (2020)
<https://www.sciencedirect.com/science/article/pii/S0026265X19326980>

3- Micelle sensitized synchronous spectrofluorimetric approaches for the simultaneous determination of simeprevir and ledipasvir: Application to pharmaceutical formulations and human plasma.

AE Hamad, BS Mohammed, SM Derayea, SF El-Malla Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 118471 (2020)
<https://www.sciencedirect.com/science/article/pii/S1386142520304492>

4- Stress stability study of simeprevir, a hepatitis C virus inhibitor, using feasible TLC-spectro-densitometry: application to pharmaceutical dosage form and human plasma.

BS Mohammed, AE Hamad, SM Derayea RSC Advances 10 (36), 21100-21107 (2020)
<https://pubs.rsc.org/en/content/articlehtml/2020/ra/d0ra01172j>

5- Feasible TLC-Spectro-Densitometry Technique for Simultaneous Determination of Tyrosine and Hepatitis C Antiviral Drugs, Sofosbuvir and Simeprevir: Application to Combined Pharmaceutical Dosage Forms and Human Plasma.

Bassam Shaaban Mohammed, Sayed M. Derayea, and Amal E. Hamad. Journal of Chromatographic Science 59.6: 576-583 (2021)

<https://academic.oup.com/chromsci/article-abstract/59/6/576/6211380>

6- Resonance Rayleigh scattering approach based on association complex formation with erythrosine B for determination of venlafaxine, application to the dosage form and spiked human plasma

Bassam Shaaban Mohammed, Sayed M. Derayea, Yasser F. Hassan, Ahmed A. Abu-hassan. Luminescence, 37.7: 1215-1222 (2022)

<https://analyticalsciencejournals.onlinelibrary.wiley.com/doi/abs/10.1002/bio.4290>

7- A specific turn-on fluorescence probe for determination of nitazoxanide based on feasible oxidation reaction with hypochlorite: Applying cobalt ferrite nanoparticles for pre-concentration and extraction of its metabolite from real urine samples.

Abdel-Lateef, M. A., Alzahrani, E., Pashameah, R. A., Almahri, A., Abu-Hassan, A. A., Hamd, M. A., & Mohammad, B. S. (2022). Journal of Pharmaceutical and Biomedical Analysis, 219, 114941 (2022)

https://www.sciencedirect.com/science/article/pii/S0731708522003624?casa_token=nuKL:oll5wAAAAA:LGj

8- An eco-friendly matrix-augmented fluorescence spectroscopic approach for the analysis of mitoxantrone, an oncogenic therapy; application to the dosage form and biological matrices. Luminescence (2023).

Ahmed A. Hamad, Yasser F. Hassan, Walid E. Eltoukhi, Sayed M. Derayea, Mohammed A. Abourehab, Bassam S. Mohammed

<https://doi.org/10.1002/bio.4437>

9- Application of Isoindole Fluorophore Formation for Determination of Linagliptin in the sole and Co-Formulated Tablets: Application for plasma assay and content uniformity testing. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (2023): 122390.

Ahmed A. Abu-hassan, Mohamed A. El Hamd, Mahmoud H. El-Maghrabey, Wael Mahdie, Sultan Alshehrie, Bassam Shaaban Mohammed.

<https://doi.org/10.1016/j.saa.2023.122390>

(References are available upon request)