



BASSANT SAMY ABO-ELFETOH

ASSISTANT LECTURER

CONTACT

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📍 Menoufia - Egypt

Driving License :
Valid

Date of birth:
3-6-1992

SKILLS

• TECHNICAL SKILLS

- HPLC, Spectrofluorometer,
UV-Vis Spectrophotometer,
Potentiostat

- Microsoft Office Suite,
EndNote, Internet Research,
Social Media Management

• SOFT SKILLS

- Lesson Planning, Decision
Making, Multitasking,
Influencing Others, Composure

LANGUAGES

- Arabic (Native)
- English (Fluent)

PROFESSIONAL SUMMARY

Dedicated and passionate academic professional with a strong background in pharmaceutical analytical chemistry. Seeking to enhance research and teaching experiences while contributing to academic development. Proficient in technical methodologies including HPLC, spectrofluorometry, UV-Vis spectrophotometry, and potentiostat operation, complemented by expertise in Microsoft Office Suite, EndNote, internet research, and social media management.

WORK EXPERIENCE

- **TEACHING ASSISTANT | MANDATE** 2019 - Present
Department of Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Menoufia University
 - Conducted tutorials and lab sessions in Pharmaceutical Analytical Chemistry Department.
 - Courses include Spectroscopy, Chromatography, Electrochemical Methods, Quality Control, Food Chemistry.
 - Supervised international students from Palestine and Yemen during company visits and technical training.
 - Active member of the Quality Assurance Unit (QAU) (responsible for the Scientific Research Standard within the Quality Assurance Unit at the Faculty of Pharmacy, Menoufia University).
- **Hospital pharmacist** 2017-2018
University Hospital, Shebin Elkom, Menoufia, Egypt
- **Community pharmacist** 2016-2017
El Esraa Pharmacy, Worked under Dr. Mustafa Sallam, Head of Menoufia Pharmacists Syndicate

EDUCATION

- Ph.D. Candidate in Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Tanta University. Registered 2025
Thesis Title: "Recent Electrochemical and Spectrofluorimetric Sensors for the Analysis of Some Food Additives and Drugs"
- M.Sc. in Pharmaceutical Analytical Chemistry, Faculty of Pharmacy, Tanta University 2024
Thesis: "Analysis of some inherent low detectability drugs"
- B.Sc. in Pharmaceutical Sciences, Faculty of Pharmacy, Tanta University 2015
Graduated with Excellent with Honors (Top 10 in class).

ACHIEVEMENTS AND PUBLICATION

- "Personality of the Month" Award, Faculty of Pharmacy, Menoufia University (2022)
- Organized "Analytical Days" for undergraduate poster and presentation competitions.
- Participated in the 2nd International Pharmaceutical & Therapeutical Science Conference PTS 2023 Menoufia , 10-11 May 2023 with:
 - 1.Presented poster: "Carbon quantum dots as sensitive fluorescent probe for Pregabalin quantitation".
 - 2.Member of the Organizing Committee and Abstract Book Team.

PUBLICATIONS

- Samy, B., Abdel Hamid, M., Mabrouk, M. M., Ahmed, H., & Batakoushy, H. A. (2021). Carbon quantum dots as a sensitive fluorescent probe for quantitation of pregabalin: Application to real samples and content uniformity test. Luminescence, 37. <https://doi.org/10.1002/bio.4158>
- Samy, B., Abdel Hamid, M. A., Mabrouk, M. M., Ahmed, H., & Batakoushy, H. (2025). A Safranin Dye-Based Luminescent'Signal-On'Complex for Highly Sensitive Detection of Memantine Hydrochloride in Tablets and Human Plasma. AlSalam International Journal of Pharmacy, 1-8. <https://DOI:10.21608/aijp.2025.358067.1004>
- Samy, B., et al. Eco-Friendly Electrochemical Sensor for Vildagliptin Detection in human plasma: Green Approach Using ZnO Nanoparticles and Graphene Oxide. Submitted to Journal of BMC Chemistry, 2025. Under review.
- Samy, B., et al. Green Micellar HPLC-UV Method for the Simultaneous Determination of Clindamycin Phosphate and Adapalene in Pharmaceutical Gel Formulations. Manuscript in preparation.

WORKSHOPS AND TRAINING

- HPLC: LC150 Analytical liquid Chromatography basic training, shooting and empower software training (injection, processing, data and reporting). 2021
- LC-MS/MS Applications in Pharma Sciences, Tanta University, 2022
- Capillary Electrophoresis Workshop, by Dr. Yousef Elshamy 2023
- UPLC Training (Shimadzu LC-40), on apparatus and software training Model LC-40 UPLC, 2023
- EndNote X7 Training, 2019
- Fundamentals of Digital Transformation Certificate, ICT Tanta university 2023
- Summer Internship: ATCO Pharma (R&D, QC, QA, Production), July–August 2023
- AI-powered scholarly writing: Apath to international publications Prof. Osama Abdelraouf 2023
- Fundamentals of Digital Transformation Certificate, 2023
- Summer Internship: ATCO Pharma (R&D, QC, QA, Production), July–August 2023

REFERENCES

- Prof. Dr. Hytham Mymoon Abbas
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- Prof. Dr. Mokhtar Mohamed Mabrouk
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