



Heba-Alla Hussein Abd El Salam Mahmoud

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Nationality: Egyptian

Objective: Seeking a career opportunity where my experience and skills can be enhanced and utilized.

Work Experiences:

- 1. 27th April 2022:** Lecturer at Pharmaceutical Chemistry Department, Faculty of Pharmacy and Drug Technology, Egyptian Chinese University.
- 2. 2020-27th April 2022:** Assistant Lecturer at Pharmaceutical Chemistry Department, Faculty of Pharmacy and Drug Technology, Egyptian Chinese University.
- 3. May 2020-Oct. 2020:** Working as freelance data processing at Zidelegence Bioequivalence Centre.
- 4. 2016-2020:** Working as pharmacist at Egyptian pharmacies.
- 5. 2015-2016:** Working as an Analysis manager at Centre of Applied Research and Advanced Studies (CARAS), Faculty of Pharmacy, Cairo University.
- 6. 2011-2014:** Working as Analyst at Biotechnology Centre, Faculty of Pharmacy, Cairo University for Pharmaceutical and Nutraceutical quality control, Water quality control (chemical content assays), Assist in the preparation of written reports for results and assist in the preparation for practical sessions and/or presented the lectures in several workshops.
- 7. June 2007 – Jan. 2009:** Working as pharmacist at Egyptian pharmacies.

Workshops:

- 1.** Attended “Description of Programs and Courses” held by Training and Development Center (TDC), Egyptian Chinese University 21st – 22nd September 2021.
- 2.** Attended “Academic Research Ethics” held by Training and Development Center (TDC), Egyptian Chinese University 17th - 18th February 2021.
- 3.** Attended “Nature Research Academies workshop Effective Academic Writing” held by Nature Research Academies in collaboration Egyptian Knowledge Bank, on 8th February 2021.
- 4.** Attended the training program “Strategic planning” held by Training and Development Center (TDC), Egyptian Chinese University 8th November 2020.
- 5.** Attended the training program “Learning management system” held by Training and Development Center (TDC), Egyptian Chinese University 1st October 2020.
- 6.** Attended the training program “Credit hour system objectives of interviews” held by Training and Development Center (TDC), Egyptian Chinese University 29th – 30th September 2020.
- 7.** Attended the training program “Quality assurance system in higher education institutions academic advising system” held by Training and Development Center (TDC), Egyptian Chinese University 27th – 28th September 2020.
- 8.** Attended the workshop “Towards a successful pharmaceutical development of generic drug products: From the action letter to NODCAR approval” held by Drug Manufacturing Unit, Faculty of Pharmacy - Cairo University, Egypt on 26th December 2015.
- 9.** Attended the workshop “Regulatory and technical aspects for successful comparative in vitro dissolution study” held by Center of Applied Research and Advanced Studies CARAS, Faculty of Pharmacy – Cairo University, Egypt on 13th October 2015.
- 10.** Organized the workshop “Laboratory Quality Management Systems” held by Biotechnology Centre, Faculty of Pharmacy - Cairo University, Egypt on 22-24th February 2014.
- 11.** Organized and taught the workshop “Advanced Pharmaceutical Analysis” held by Biotechnology Centre, Faculty of Pharmacy - Cairo University, Egypt on 25-27th June 2013.
- 12.** Attended the workshop “Advanced Pharmaceutical Analysis” held by Biotechnology Centre, Faculty of Pharmacy - Cairo University, Egypt on 14-22th April 2012.
- 13.** Attended the workshop “New Trends in Biotechnology” held by Biotechnology Centre, Faculty of Pharmacy - Cairo University, Egypt on 22-23th November 2010.

Research experiences:

- Strong hand in different extraction techniques for nutraceuticals including liquid – liquid extraction, dispersive liquid-liquid microextraction, QuEChERS, solid phase extraction and others.
- Strong hand in using different analytical devices like spectrophotometer, high performance liquid chromatography, thin layer chromatography and familiar with tandem mass spectrometry.
- Strong hand in different extraction and preparation techniques for plasma samples for bioequivalence studies.
- Strong hand in stability studies.

List of Publications:

1. "Development of Green and Efficient Extraction Methods of Quercetin from Red Onion Scales Wastes Using Factorial Design for Method Optimization: A Comparative Study" Heba-Alla H Abd-ElSalam, Mohammed Gamal, Ibrahim A Naguib, Medhat A Al-Ghobashy, Hala E Zaazaa, M Abdelkawy, Journal Separations (IF 2.777), Vol. 8, Iss. 9, September 2021.
2. "Green and Cost-Effective Extraction Techniques of Quercetin from Mixture of Nutraceuticals with Yield Analysis via Spectrophotometry and High-Performance Liquid Chromatography Methods" Mohammed Gamal, **Heba-Alla H. Abd-ElSalam**, Ibrahim A Naguib, Medhat A Al-Ghobashy, Hala E Zaazaa, M Abdelkawy, Journal of AOAC International (IF 1.92), Vol. 105, Iss. 1, May 2021.
3. "Correlation of In Vivo and In Vitro Assay Results for Assessment of Free Radical Scavenging Activity of Green Tea Nutraceuticals" **Heba-Alla H. Abd-El Salam**, Medhat A. Al-Ghobashy, Muhammad Al-Shorbagy, Noha Nassar, Hala E. Zaazaa, Mohamed A. Ibrahim, Journal of Food Science (IF 1.815), Vol. 81, Iss. 7, 2016.
4. "On-column Decaffeination and SPE of Epigallocatechin gallate from Green Tea Nutraceuticals" **Heba –Alla Hussein Abd- El Salam Mahmoud**, Medhat Ahmed Al-Ghobashy, Hala El Sayed Zaazaa, Mohamed Abdelkawy Mohamed, at Journal of Separation Science and Technology (IF 1.36), Vol. 51, Iss. 4, 2015.
5. "Correlation of Antioxidant Activity to Total Polyphenol and Epigallocatechin Gallate Content of Green Tea Nutraceuticals: Photo and Hydrolytic Degradation" **Heba –Alla Hussein Abd-El Salam Mahmoud**, Medhat Ahmed Al-Ghobashy, Hala El Sayed Zaazaa, Mohamed Abdelkawy Mohamed, at 3rd FUE International Conference of Pharmaceutical Sciences (3rd FUE-ICPS) February 9th- 11th, 2015.
6. "Stability of Catechins in Green Tea Nutraceutical products: Application of Solid Phase Extraction - Thin Layer Chromatography Densitometry" **Heba –Alla Hussein Abd- El Salam Mahmoud**,

Medhat Ahmed Al-Ghobashy, Hala El Sayed Zaazaa, Mohamed Abdelkawy Mohamed, accepted for publication at Journal of Food Chemistry (IF 7.514), Vol. 156, 2014.

7. "Spectrophotometric and Solid Phase Extraction – HPLC for Assessment of the Photo stability of Green Tea Catechins" **Heba –Alla Hussein Abd- El Salam Mahmoud**, Medhat Ahmed Al-Ghobashy, Hala El Sayed Zaazaa, Mohamed Abdelkawy Mohamed, at the 4th International Scientific Conference of Faculty of Pharmacy, Cairo University "Pharmacy Education and Community Expectations" April, 24th and 25th, 2013.

Education:

1. **2021:** PhD Degree from the Department of Analytical Chemistry, Faculty of Pharmacy, Cairo University, Egypt. My thesis is titled "Developing Cost-effective Extraction Techniques for Quality Control of Nutraceuticals and Functional Foods". Under supervision of: Prof. Dr Mohammed A. Ibrahim (Pharmaceutical Chemistry Department, Faculty of Pharmacy Future University) and Prof. Dr Hala E. Zaazaa (Analytical Chemistry Department, Faculty of Pharmacy, Cairo University).
2. **2014:** Master Degree from the Department of Analytical Chemistry, Faculty of Pharmacy, Cairo University, Egypt. My thesis was titled "Analytical study of some nutraceuticals used for treatment of autoimmune diseases". Under supervision of: Prof. Dr Mohammed A. Ibrahim (Pharmaceutical Chemistry Department, Faculty of Pharmaceutical Science and Pharmaceutical Industries, Future University) Prof. Dr Hala E.Zaazaa (Analytical Chemistry Department, Faculty of Pharmacy, Cairo University) and Prof. Dr Medhat A. Al-Ghobashy (Analytical Chemistry Department, Faculty of Pharmacy, Cairo University and School of Pharmacy, NewGiza University).
3. **2005:** Bachelor degree in pharmaceutical sciences with grade good, Faculty of Pharmacy, Cairo University, Egypt. During my studies, I participated in summer training programs for pharmacy students in pharmaceutical company (Pfizer) and Egyptian pharmacies.

Personal Skills

- Presentable, self – motivated, confident and strong personality.
- Team working spirit, strong communication and negotiation skills.
- Keen on learning new tasks quickly, ability to lead a team and to be an effective team member. Ambitions, hard worker and creative.

Computer Skills:

- Internet and Emailing skills.
- Computer Skills (ICDL Certificate).
- Excellent user of different office programs and statistical programs like minitab.

Language Skills:

- Arabic Language (mother tongue).
- English language (Excellent writing and speaking).