

Curriculum Vitae



- Name: Hatem Ibrahim Hassan Mokhtar
- Title: Pharmaceutical Analytical Chemistry Lecturer
- Department: Pharmaceutical Chemistry
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A) Academic Qualifications:

- Bachelor's Degree in **Pharmaceutical Sciences** University: **Suez Canal University** Year: **1999**
- Master Degree in **Analytical Chemistry** University: **Suez Canal University** Year: **2015**
- Ph.D in **Analytical Chemistry** University: **Suez Canal University** Year: **2020**

B) Academic promotions:

- Lecturer, Date: 2020

C) Scientific Merit:

- Google Scholar: <https://scholar.google.com/citations?user=JtbEoyoAAAAJ&hl=ar>
- Scopes ID: 56511714700
- Citations: 83 h-index: 5 i10-index: 4
- Orcid –N: 0000-0002-9337-1809

D) Academic Administrative Experiences:

- 1- Analytical Chemistry Lecturer, Faculty of Pharmacy, Sinai University, Kantara, from 2020 to present.

E) Scientific Activities

1- Training Courses/workshops:

- 1- Certified Professional Online Trainer (CPOT). Live Online Course by ASMI Management Institute, UAE. Certificate No. ME007679.May 2020
- 2- Digital Marketing Basics Online Course, Google skills. Certificate ID; 5RL ZZ5 P6W. 5th May 2020
- 3- Laboratory Quality Management System-Basics online course, Certificate of Achievement, WHO. 20th April 2020
- 4- Biologics and Biosimilars symposium. School of Pharmacy, New Giza University. 9-11th March 2020
- 5- Data Analysis Track, Certificate of Attendance # UCRT6UAJ, Udacity, One Million Arab Coders Initiative. Jan 2020
- 6- Estimation of Measurement Uncertainty in Chemical Analysis, MOOC online P2AV.TK.652, 26 hours (1 ECTS credit point) course, University of Tartu, Estonia, Certificate No. 06169-19. 26th March - 7th May 2019
- 7- LC-MS Method Validation, MOOC Online course, P2AV.TK.829, 52 hours (2 ECTS credit points), University of Tartu, Estonia. Certificate No. 01914-19. 27th Nov. 2018- 8th Feb. 2019
- 8- The First Annual Conference for Post-Graduate Studies, Suez Canal University, Ismailia, Egypt. 3rd Dec. 2018
- 9- Intellectual properties rights and patents workshop, in Education Development Center, Suez Canal University, Ismailia, Egypt. 17th Oct. 2018
- 10- The Fifth Young Researchers Conference, Suez Canal University, Ismailia. 7-8th April 2018
- 11- "How to prepare a conference Poster" Workshop, Education Development Center, Suez Canal University, Ismailia. 3rd March 2018
- 12- Effective scientific writing By Léa Gagnon, Egyptian Knowledge Bank (EKB), Suez Canal University, Ismailia, Egypt. 21st Feb. 2018
- 13- Waters seminar on Audit trail and data integrity, El-Mehy Inc., City Stars Intercontinental, Cairo. 25th Sep. 2017
- 14- Training of Trainers Course (TOT), 30 training hours, Eadaad Foundation, Ismailia, Egypt. 15th May 2017
- 15- Practical workshop on polymeric Polyaniline nanofibers preparation, by NAQAA foundation for scientific research, Giza. 31st Dec. 2016

- 16- Practical workshop on magnetite nanoparticles preparation, by Naqaa foundation for scientific research, Giza. 4th June 2016
- 17- Mastering CTD/eCTD, by Reyada pro, City Stars, Cairo, Egypt. 21-22nd April 2016
- 18- Assertive professional communication skills, in-site training by Japanese academy. 4-6th April 2016
- 19- APIC 2015, Arab pharmaceutical International Conference, Intercontinental City Stars, Cairo, Egypt. 28-29th Oct 2015
- 20- Attendance and participation in 6th International Scientific Conference of faculty of Pharmacy, Cairo University, Cairo, Egypt. 25-26th April, 2015
- 21- Attendance of the 6th International conference of natural toxins, Suez Canal University, Ismailia, Egypt. 15-16th Dec 2014
- 22- "ISO 9001:2008 internal auditing course", in-site training by EQE (Expert Quality Engineers). 3-7th July 2013
- 23- "ISO/IEC17025 Internal auditing course", In site training by EQE. 3-6th Mar 2013
- 24- Attendance and participation in the 28th International Symposium on Chromatography, ISC 2010, Valencia, Spain. 12-16 Sept 2010
- 25- "Chirality: chiral compounds separation and emerging issues", Pharmex consulting Group, Cairo, Egypt. June 2009
- 26- Clinical pharmacy seminar series, MIU. 2nd Nov, 2009
- 27- "Workshop on ISO17025" in National center of Research, Cairo, Egypt. Mar 2008
- 28- "Robust HPLC Methods", by Professor Imre Molnar , organized by Pharmex Consulting Group, Hilton Ramsis intercontinental, Cairo, Egypt. 29-31st May, 2007
- 29- NIR-Spectroscopy Course, Pharmix Consulting Group, Hilton-Ramsis Intercontinental, Cairo, Egypt. 6-8th Feb, 2006
- 30- FIP-Pharmatech /GMP Workshop, Cairo, Egypt. 2-3rd Sept, 2005
- 31- Varian HPLC Systems Seminar, Cairo, Egypt. July 2005
- 32- Waters Technology Seminar, Cairo, Egypt. 7th Mar 2005
- 33- Pharmaceutical stability training program, organized by The Egyptian Research & Development Co. in Cairo, Egypt. 29th Nov-1st Dec 2004
- 34- Computer Aided Drug Design Workshop, Faculty of Pharmacy, Ain Shams University, Cairo, Egypt. 2003
- 35- Karl Fisher Hydranal & Equipment seminar, Cairo, Egypt. 2-3rd Dec, 2002

2- Conferences, Seminars and Workshops:

- 1- 8-9th Dec. 2019: Poster presentation: Tolerance Interval Modeling for Optimization of a Salt Assisted Liquid-Liquid Microextraction of Trimethoprim and Six Sulfonamide Antibiotics in Water Samples, Hatem I. Mokhtar, Randa A. Abdel-Salam, Ghada M. Hadad, 2nd International Conference of Pharmaceutical and Medical Sciences, Tolip El-Forsan Hotel, Ismailia.
- 2- 7-8th April 2018: Quality by design optimization of a fast liquid-liquid microextraction procedure for determination of trimethoprim and six sulfonamides in water samples, Hatem I. Mokhtar, Randa A. Abdel-Salam, Ghada M. Hadad, The Fifth Young Researchers Conference, Suez Canal University, Ismailia, Egypt.
- 3- 1st – 2nd April 2017: Development of a sensitive, robust and ultrafast high performance liquid chromatographic method for residues determination of six sulfonamides and trimethoprim in environmental water samples, Hatem I. Mokhtar, Randa A. Abdel-Salam, Ghada M. Hadad, First International Conference of Pharmaceutical and Medical Sciences, Engineering Military Authority House, Cairo, Egypt.
- 4- 25-26th April, 2015: Quality by Design and Computer Aided Retention Time Modeling for Development of a Fast Gradient RP-HPLC Screening System for Some Antidiabetic Drugs, Hatem I. Mokhtar, Randa A. Abdel-Salam, Ghada M. Hadad, 6th International Scientific Conference of Faculty of Pharmacy, Cairo University, Cairo, Egypt.
- 5- 12-16th Sept, 2010: Development of a stability indicating HPLC method for Meloxicam , its related substance 2-amino-5-methyl Thiazole and formulatory adjuvants in an ampoule dosage form using Retention modeling., Hatem I. Mokhtar, Mohammed I. Elian, 28th International Symposium on Chromatography, ISC 2010, Valencia, Spain.

3- Teaching Scopes:

- Qualitative inorganic analytical chemistry
- Quantitative analytical Chemistry
- Instrumental analysis
- Pharmaceutical Quality Control

4- Scientific supervision number:

- 4 Master's degree students
- 2 PhD students

5-Awards and Certificates of Appreciation:

- Best oral presentation award in the First Annual Conference for Postgraduate Studies at the Faculty of Pharmacy, Suez Canal University, Ismailia, 3rd Dec. 2018.

6- Peer reviewing of scientific research/ Projects:

- peer reviewer in Frontiers, 2023

F) Scientific Publications:

Last 10 year of published Scientific Papers

-International journals

1. Rania A Mahmoud, Ghada M Hadad, Randa A Abdel Salam, Hatem I Mokhtar, Optimization of a solid phase extraction coupled with high performance liquid chromatography and diode array ultraviolet detection method for monitoring of different antibiotic classes residues in water samples, Journal of AOAC INTERNATIONAL, 2023;, qsad111, <https://doi.org/10.1093/jaoacint/qsad111>.
2. Heikal, E.J.; Kaoud, R.M.; Gad, S.; Mokhtar, H.I.; Aldahish, A.A.; Alzlaq, W.A.; Zaitone, S.A.; Moustafa, Y.M.; Hammady, T.M. Design and Optimization of Omeprazole-Curcumin-Loaded Hydrogel Beads Coated with Chitosan for Treating Peptic Ulcers. *Pharmaceuticals* 2023, 16, 795. <https://doi.org/10.3390/ph16060795>
3. Heikal, E.J.; Kaoud, R.M.; Gad, S.; Mokhtar, H.I.; Alattar, A.; Alshaman, R.; Zaitone, S.A.; Moustafa, Y.M.; Hammady, T.M. Development of Novel pH-Sensitive Eudragit Coated Beads Containing Curcumin-Mesalamine Combination for Colon-Specific Drug Delivery. *Gels* 2023, 9, 264. <https://doi.org/10.3390/gels9040264>
4. Mohammed Amran, El-Sayed Khafagy, Hatem I. Mokhtar, Sawsan A. Zaitone, Yasser M. Moustafa and Shadeed Gad (2022). Formulation and Evaluation of Novel Additive-Free Spray-Dried Triamcinolone Acetonide Microspheres for Pulmonary Delivery: A Pharmacokinetic Study, *Pharmaceutics*, 14(11), 2354. doi.org/10.3390/pharmaceutics14112354. Impact factor 6.525
5. Qushawy M, Mortagi Y, Alshaman R, Mokhtar HI, Hisham F, Alattar A., Liang D, Enan ET, Eltrawy AH, Alamrani ZH, Alshmrani SA and Zaitone SA (2022). Formulation and Characterization of O/W Nanoemulsions of Hemp Seed Oil for Protection from Steatohepatitis: Analysis of Hepatic Free Fatty Acids and Oxidation Markers, *Pharmaceuticals*, 15(7), 864. Impact factor 5.215

6. Abbas F, Eladl MA, El-Sherbiny M, Abozied N, Nabil A, Mahmoud SM, Mokhtar HI, Zaitone SA, Ibrahim D (2022). Celastrol and thymoquinone alleviate aluminum chloride-induced neurotoxicity: Behavioral psychomotor performance, neurotransmitter level, oxidative-inflammatory markers, and BDNF expression in rat brain, *Biomedicine & Pharmacotherapy*, Volume 151. Impact factor 7.149.
7. Hatem I. Mokhtar, R.A. Abdel-Salam, G.M. Hadad (2022). A nanocomposite of silica coated magnetite nanoparticles and aniline-anthranilic acid copolymeric nanorods with improved stability and selectivity for fluoroquinolones dispersive micro solid phase extraction, Under journal peer review. *Journal of Chromatography B*, Volume 1206, 2022, <https://doi.org/10.1016/j.jchromb.2022.123350>.
8. Hatem I. Mokhtar, R.A. Abdel-Salam, G.M. Hadad (2022). A nanocomposite of silica coated magnetite nanoparticles and aniline-anthranilic acid copolymeric nanorods with improved stability and selectivity for fluoroquinolones dispersive micro solid phase extraction, Under journal peer review.
9. Hatem I. Mokhtar, R.A. Abdel-Salam, G.M. Hadad (2018). Tolerance intervals modeling for design space of a salt assisted liquid-liquid microextraction of trimethoprim and six common sulfonamide antibiotics in environmental water samples, *Journal of Chromatography A*; doi.org/10.1016/j.chroma.2018.12.003.
10. Hatem I. Mokhtar, Randa A. Abdel-Salam, Ghada M. Hadad (2015). Development of a fast high performance liquid chromatographic screening system for eight antidiabetic drugs by an improved methodology of in-silico robustness simulation, *Journal of Chromatography A*; 1399: 32-44.
11. Hatem I. Mokhtar, Randa A. Abdel-Salam, Ghada M. Hadad (2015). Design Space Calculation by In Silico Robustness Simulation with Modeling Error Propagation in QbD Framework of RP-HPLC Method Development, *Chromatographia*, 78: 457-466.
12. Hatem I. Mokhtar, Randa A. Abdel-Salam, Ghada M. Hadad (2015). Three-Dimensional Desirability Spaces for Quality-by-Design-Based HPLC Development, *Journal of Chromatographic Science*; 53: 467-477.

National journals

- Hatem I. Mokhtar, R.A. Abdel-Salam, G.M. Hadad (2020). Role of superparamagnetic nanoparticles in magnetic dispersive micro-solid phase extraction. *Records of Pharmaceutical and Biomedical Sciences*.

G) Quality Assurance in Higher Education:

Training Attended:

- "Basic principles in assessment"
- "written assessment"
- "Blue printing"
- "Standard Setting"
- "Program Evaluation"

- "Program in Courses Specification"
- "writing self-assessment studies, by NAQAAE, 24-26 Sept 2023"

H) Skills

- Language Skills: **English (Very good spoken and written)**
- Computer Skills: **Very good**
- Presentation skills: **Very good**