

Curriculum Vitae (CV)

Marwa Adel Ahmed Mohamed

Birth date: 1st of August 1978

Place of residence: Cairo, EGYPT

Nationality: Egyptian

E-mail: marwa.adel.ahmed@pharma.asu.edu.eg



EDUCATIONAL BACKGROUND:

➤ **Advanced Scientific Degree:**

◆ **Ph.D. degree in Pharmaceutical Sciences (Clinical Pharmacy)**

➤ **College:** Ain Shams University.

➤ **Year:** May - 2016.

➤ Dissertation entitled "A Pilot Study Evaluating the Effect of Ivabradine on Inflammation and Short-term Clinical Outcome of Patients with Acute Coronary Syndrome."

◆ **Master's degree in Pharmaceutical Sciences (Clinical Pharmacy)**

➤ **College:** Ain Shams University.

➤ **Year:** April - 2008.

➤ Dissertation entitled "Effects of pentoxifylline on microcirculation in Egyptian neonates with sepsis."

➤ **Scientific Degree:** Bachelor of Pharmaceutical Sciences

➤ **College:** Ain Shams University.

➤ **Year Of Graduation:** May - 2001.

➤ **General Degree:** Excellent, with a grade of honor and the 5th position on top of my class.

COMPUTER SKILLS:

➤ Data analysis and statistics: SPSS

➤ Reference manager: Mendeley, Endnote

➤ Applications: Microsoft Office (Word, Excel, PowerPoint)

LANGUAGES:

➤ **Arabic:** Mother Tongue.

➤ **English:** Fluent.

➤ **French:** Fair.

CURRENT EMPLOYMENT AND TEACHING EXPERIENCE:

From 28/8/2023 till now

- **Job Title:** Associate Professor of Clinical Pharmacy Department, Faculty of Pharmacy, Ain Shams University
- **Key Responsibilities:**
 - Delivering lectures, seminars, and tutorials.
 - Developing and implementing new methods of teaching to reflect changes in research.
 - Designing, preparing, and developing teaching materials.
 - Assessing students' coursework.
 - Setting and marking examinations.
 - Supporting students through a pastoral or advisory role.
 - Undertaking personal research projects and actively contributing to the institution's research profile.
 - Writing up research and preparing it for publication then correspondence with Journals for publication.
 - Supervising students' research activities.
 - Carrying out administrative tasks related to the department, such as student admissions, induction programs, and involvement in committees and boards.
 - Representing the institution at professional conferences and seminars and contributing to these as necessary.
 - Establishing collaborative links outside the university with industrial, commercial, and public organizations.

PREVIOUS EMPLOYMENT EXPERIENCE:

From 21/9/2016 till 27/8/2023

Job title: Lecturer of Clinical Pharmacy Department, Faculty of Pharmacy, Ain Shams University

From 1/2/2019 till 1/9/2019

Job title: Part-Time Lecturer of Clinical Pharmacy, Faculty of Pharmacy, Future University.

From 15/5/2008 till 21/9/2016

Job title: Teaching assistant of Clinical Pharmacy Department, Faculty of Pharmacy, Ain Shams University

From 9/12/2001 till 14/5/2008

Job title: Demonstrator of Clinical Pharmacy Department, Faculty of Pharmacy, Ain Shams

University

SCOPE OF WORK

➤ **Teaching undergraduate courses which include:**

- *Clinical Pharmacy*
- *Clinical Pharmacokinetics*
- *Clinical Nutrition*
- *First aid and Basic Life Support*
- *Pharmacy administration*
- *Pharmacotherapy*
- *Endocrine and Bone disorders*
- *Infectious diseases*

➤ **Teaching postgraduate courses which include:**

- *Selected topics in clinical pharmacy*
- *Pharmacotherapy*
- *Clinical Pharmacokinetics*
- *Pharmacotherapy for cardiovascular diseases*
- *Pharmacotherapy for endocrine disease*
- *Pharmacotherapy for infectious diseases*
- *Therapeutics*
- *Critical care*

➤ **Research interests:**

- *Respiratory diseases*
- *Cardiovascular diseases*
- *Critical illness*
- *Neonatology*

EXAMS AND CONTROL COMMITTEES:

- **2016-2024:** Member of practical, oral, and written exam committees of undergraduate and postgraduate teaching courses.
- **2016-2024:** Member of the control of postgraduate studies

ADMINISTRATIVE AND QUALITY ASSURANCE COMMITTEES:

- **2017-2024:** Member of different committees like Students' Affairs, Cultural relationships, and Postgraduate Affairs.
- **2017-2024:** Member of the Quality assurance unit and validation committee especially a member of leadership and governance standard, Faculty of Pharmacy, Ain Shams University.
- **2021-2024:** Member of the pharmaceutical education development unit, Faculty of Pharmacy, Ain Shams University.
- **2021-2024:** Member of the ACPE accreditation steering and self-study committee, Faculty of Pharmacy, Ain Shams University.

GRADUATION PROJECTS SUPERVISION:

- Supervision of graduation projects for undergraduate students-Drug Design Programs, for the academic year **2017-2018** entitled: "Evaluation of the Effect of H2 Receptor Antagonist on Phosphate Binding Capacity of Calcium Carbonate and Calcium Acetate in Hemodialysis Patient".
- Supervision of graduation projects for postgraduate students- PharmD for the academic year **2016-2018** entitled: "Comparison of Rifaximin/Lactulose Combination versus the Standard Treatment in Patients with Hepatic Encephalopathy".
- Supervision of graduation projects for postgraduate students- PharmD for the academic year **2018-2020** entitled: "Milrinone use in cardiac surgery".
- Supervision of graduation projects for postgraduate students- PharmD for the academic year **2020-2022** entitled: "Ceftriaxone and Neurological Disorders: Between Benefits and Risks".

MASTER AND PH.D. THESES SUPERVISION

Currently supervising 13 Master theses (6 are accomplished) and 7 Ph.D. theses (4 are accomplished) in Clinical Pharmacy

SCIENTIFIC AND RESEARCH ACTIVITIES

● PUBLICATIONS:

- **M. Adel**, H. A. S. Awad, A. B. Abdel-Naim and M. M. M. Al-Azizi. (2010). Effects of pentoxifylline on coagulation profile and disseminated intravascular coagulation incidence in Egyptian septic neonates. *Journal of Clinical Pharmacy and Therapeutics* 35, 257–265. doi:10.1111/j.1365-2710.2009.01077.x.
- **M. Adel**, S. Mansour, N. A. Sabri, O. A. Badary and M. Ayman Saleh. (2016). A clinical study evaluating the effect of ivabradine on inflammation in patients with non ST-segment elevation acute coronary syndromes. *IJPSR*, Vol. 7, Issue 4. DOI: 10.13040/IJPSR.0975-8232.7(4).1441-49
- El Said, N. O., El Wakeel, L. M., Khorshid, H., Darweesh, E. A. G., & **Ahmed, M. A.** (2021). Impact of lipophilic vs hydrophilic statins on the clinical outcome and biomarkers of remodelling in heart failure patients: A prospective comparative randomized study. *British Journal of Clinical Pharmacology*, 87(7), 2855-2866. <https://doi.org/10.1111/bcp.14695>
- Swellam, M., Hekmat, M. E., Shawki, M. A., **Adel, M.**, Hefny, M. M., & El-Shazly, S. S. (2021). Clinical impact of LncRNA XIST and LncRNA NEAT1 for diagnosis of high-risk group breast cancer patients. *Current Problems in Cancer*, 45(5), 100709. <https://doi.org/10.1016/j.currprobcancer.2021.100709>
- Abou El Fadl, D. K., **Ahmed, M. A.**, Aly, Y. A., Darweesh, E. A. G., & Sabri, N. A. (2021). Impact of Docosahexaenoic acid supplementation on proinflammatory cytokines release and the development of Necrotizing enterocolitis in preterm Neonates: A randomized controlled study. *Saudi Pharmaceutical Journal*, 29(11), 1314-1322. <https://doi.org/10.1016/j.jsps.2021.09.012>
- Sabry, S., El Wakeel, L. M., Saleh, A., & **Ahmed, M. A.** (2022). Comparison of Warfarin Initiation at 3 mg Versus 5 mg for Anticoagulation of Patients with Mechanical Mitral Valve Replacement Surgery: A Prospective Randomized Trial. *Clinical Drug Investigation*, 42(4), 309-318. <https://doi.org/10.1007/s40261-022-01137-7>
- El-Bosily, H. M., Abd El Meguid, K. R., Sabri, N. A., & **Ahmed, M. A.** (2022). Physicians' adherence to evidence-based guidelines as a major predictor of anticoagulant-related medication error incidence and severity. *British Journal of Clinical Pharmacology*, 88(8), 3730-3740. doi:10.1111/bcp.15314
- Elmenshawy, H., Farouk, H., Sabri, N., & **Ahmed, M.** (2022). The Impact of Pharmaceutical Care Services on Patients with Active Rheumatoid Arthritis: A Randomized Controlled Study. *Archives of Pharmaceutical Sciences Ain Shams University*, 6(1), 141-155. DOI: 10.21608/aps.2022.143040.1092
- Shean, A., Abdel Rahman, G., Sabri, N., & **Adel, M.** (2022). Assessment of Chronic Obstructive Pulmonary Disease Patient's Satisfaction with The Provided Pharmaceutical Care Services. *Archives of Pharmaceutical Sciences Ain Shams University*, 6(1), 156-168. DOI: 10.21608/aps.2022.145247.1093

- Abou El Fadl, D. K., Aly, Y. A., Darweesh, E. A. G., Sabri, N. A., & **Ahmed, M. A.** (2023). Assessment of neonatal intensive care unit nurses' compliance with standard precautions of infection control and identification of enabling factors. *Future Journal of Pharmaceutical Sciences*, 9(1), 1-13. <https://doi.org/10.1186/s43094-022-00456-y>
- Hassanain, H. A., El Wakeel, L. M., Khorshid, H., & **Ahmed, M. A.** (2024) Colchicine effect on biomarkers of cardiac remodelling and atherosclerosis in ST-elevation myocardial infarction: A randomized controlled trial. *British Journal of Clinical Pharmacology*.
- Saeed, A., Farouk, M. M., Sabri, N. A., Saleh, M. A., & **Ahmed, M. A.** (2024). Effect of pentoxifylline on endothelial dysfunction, oxidative stress and inflammatory markers in STEMI patients. *Future Science OA*, 10(1), FSO967.
- Saeed, A., Sabri, N., Saleh, M. A., & **Ahmed, M. A.** (2023). Immunomodulatory and Antioxidant Effects of Pentoxifylline and Other Therapeutic Agents in The Management of Myocardial Injury. *Archives of Pharmaceutical Sciences Ain Shams University*, 7(2), 440-456.
- El-Awady, S. M., El Afifi, A. M., Afifi, R., Sabri, N. A., & Ahmed, M. A. (2024). Evaluation of the Clinical Outcomes of Cyclosporine Short Infusion Versus Continuous Infusion Postallogenic Stem Cell Transplantation. *European Journal of Drug Metabolism and Pharmacokinetics*, 1-12.
- Ali, E., **Ahmed, M. A.**, Shawki, M. A., El Arab, L. R. E., Khalifa, M. K., & Swellam, M. (2025). Expression of some circulating microRNAs as predictive biomarkers for prognosis and treatment response in glioblastoma. *Scientific Reports*, 15(1), 1933.

● POSTERS:

- Nouran Omar El Said, Lamia Mohamed El Wakeel, Hazem Khorshid, Ebtissam Abdel Ghaffar Darweesh, **Marwa Adel Ahmed**. Impact of Lipophilic versus Hydrophilic Statins on Heart Failure Patients. Poster presented at the 36th International Scientific Conference of Pharmaceutical Sciences, Egyptian Pharmaceutical Society.
- Dina Khaled Abou El Fadl, **Marwa Adel Ahmed**, Yasmin AF Aly, Ebtissam Abdel Ghaffar Darweesh, Nagwa A. Sabri. Immunomodulatory Effect of Long Chain Polyunsaturated Fatty Acids in Preterm Neonates. Poster presented at the 36th International Scientific Conference of Pharmaceutical Sciences, Egyptian Pharmaceutical Society.
- El Said N, **Adel M**, El Wakeel L, Khorshid H, Darweesh E. The effect of statin types on the quality of life of patients with heart failure. Poster presented at the 2022 FIP (International Pharmaceutical Federation) (www.fip.org) Congress in Seville (Spain). 18-22 September.
- Dina Khaled Abou El Fadl, Yasmin AF Aly, Ebtissam Abdel Ghaffar Darweesh, Nagwa A.Sabri, **Marwa Adel Ahmed**. Assessment of Compliance of Neonatal Intensive Care Unit Nurses with Standard Precautions of Infection Control A Clinical Pharmacist Contribution. Poster presented at the 2022 FIP (International Pharmaceutical Federation) (www.fip.org) Congress in Seville (Spain). 18-22 September.
- Shaymaa El-Awady, Nagwa Sabri, Amal El Afifi, **Marwa Ahmed**. Evaluation of the Clinical Outcome and the Cost-effectiveness of Cyclosporine Short Infusion versus Continuous Infusion Post Allogenic Stem Cell Transplantation. Poster presented at the 2nd Annual Advancing Healthcare Innovation Summit: Nov 11, 2022, Cincinnati, OH. *Innov Dig Health Diagn Bio*. 2022; 2:73–81. DOI: 10.36401/IDDB-22-X2.

● REVIEWER OF PUBLICATIONS IN LOCAL AND INTERNATIONAL JOURNALS:

- Archives of Pharmaceutical Sciences Ain Shams University
- Life Sciences
- PEC innovation
- Basic and Clinical Pharmacology and Toxicology
- Future Journal of Pharmaceutical Sciences
- Saudi Pharmaceutical Journal

TRAINING COURSES ATTENDANCE

- 1- Training and Development Center (TDC) Ain Shams University training courses 2002-2017:

- “Critical thinking skills”
- “Communication skills”
- “Using Technology in Teaching”
- “Competitive Research Projects”
- “Methods of Scientific Research”
- “Quality assurance and accreditation”
- “Ethics in Scientific Research”
- “Professional Ethics and Behavior”
- “Strategic Planning”
- “Examination systems and student assessment”

2017-2022:

- “Scholarly Publishing in indexed journals-EKB.”
- “Scientific writing”
- “Biostatistics Level 1”
- “Credit hours and Academic Advisor”
- “Negotiation Skills”

2- Quality Assurance and Accreditation center Ain Shams University courses:

- **“Self-study updating”**, Quality assurance and accreditation center, ASU (2016)
- **“The University E-mail services and its usefulness in the educational process”**, Quality assurance and accreditation center, ASU (2020)
- **“Leadership and Governance standard met”**, Quality assurance and accreditation center, ASU (2021)

3- Higher Education Development Project Management Unit:

- Qorrect Assessment workshop

4- Other workshops:

- **“New trends in Oncology: A Focus on Nutrition, Anticoagulation Management and Beyond”**, presented by St. John’s University College of Pharmacy and Health Sciences. Sponsored by Misr International University (2016).
- **“Systematic Review and Meta-analysis”**, TRUST Research Center (2019)
- **“Comprehensive Sample Size Calculation”**, TRUST Research Center (2020)
- **“Statistics for Clinicians”**, TRUST Research Center (2020)
- **“Assessment in Pharmacy Education”**, Knowledge E, EKB, ACPE (2022).
- **“Pharmacy Mentoring & Preceptor Development”**, Knowledge E, EKB, ACPE (2022).
- **“Toward Research Excellence with Elsevier: Identify Trending Research Topics and Find Grants in your Research Area of Interest”**, National Research Centre, (2022)
- **“The cognitive and skills evaluations in accordance with the curriculum of the American Heart Association Basic Life Support (CPR and AED) Program”**, Ain Shams University Faculty of Medicine (2022), attended the course and is *Certified as a BLS provider*.

HONORS AND AWARDS:

- **The Best Research in Pharmacy Practice and Clinical Pharmacy (2021/2022) Entitled** “Abou El Fadl, D.K., Ahmed, M.A., Aly, Y.A., Darweesh, E.A.G. and Sabri, N.A., 2021. Impact of Docosahexaenoic acid supplementation on proinflammatory cytokines release and the development of Necrotizing enterocolitis in preterm Neonates: A randomized controlled study. Saudi Pharmaceutical Journal, 29(11), pp.1314-1322.”, **in the FUE Annual Scientific Conference, Future University in Egypt**

CONFERENCES:

- Attended The Annual Congress of the Egyptian Hypertension Society, 18th meeting, (**April 2015**), **Cairo, Egypt.**
- Attended The **CardioPrevent** conference of Preventive Cardiology and the rehabilitation group, (**December 2015**), **Cairo, Egypt.**
- **The EFCP, 2018**, the international clinical pharmacy conference and forum, “Future of pharmacy education and clinical practice”. (January 27th -30th, 2018). British University in Egypt. **Attendance.**
- **The 2nd ICPASU conference** “Future trends in Development of Pharmaceutical Education and Research” (November 13th -15th, 2018). Novotel Cairo Airport Hotel. **Editorial committee and Attendance.**
- **CardioPrevent 2018**, 20th Annual Meeting of Preventive Cardiology and Rehabilitation W.G. (November 15th-16th, 2018). Tolip Golden Plaza Hotel, Cairo, Egypt. **Chairperson.**
- **NHTMRI PEARLS 2019.** 11th Annual Conference of National Hepatology and Tropical Medicine Research Institute (NHTMRI). (September 17th -19th, 2019). Grand Nile Tower, Cairo, Egypt. **Chairperson.**
- **The 3rd international conference of faculty of pharmacy, Ain Shams University**, Al Masa Hotel, Cairo, Egypt, 19-20th November 2023
- **The 16th Breast Gynecological & Immunological International Cancer Conference BGICC**, Hilton Heliopolis Hotel Cairo Egypt. 18-19 January 2024

