

Fahmi Yahya Ahmed Al-Ashwal

PhD in Clinical Pharmacy

- Lecturer at College of Pharmacy, Al-Ayen Iraqi University



Personal Information

Address	Al Nasiryah, Iraq
Phone	+9647843101070
Email	fahmi.yahya@alayen.edu.iq
ORCID	https://orcid.org/0000-0003-2076-0771
Scopus ID	57196371551
Date of Birth	17/7/1989
Place of Birth	Yemen
Nationality	Yemeni

Education/Scientific Degrees

Year	Institution	Degree
Mar 2018– Feb 2023	Universiti Sains Malaysia, Malaysia.	Ph.D. (Clinical Pharmacy)
Sep 2014–Aug 2017	Jordan University of Science and Technology, Jordan.	M.Sc. in Clinical Pharmacy (Grade: 86.8%, Excellent, Rank in batch: 5/ 34).
Sep 2008–Jun 2014	The University of Jordan, Jordan.	B.Sc. in Pharmacy (GPA: 3.38/4, Very good, Rank in batch 5/290).
Sep 2004–Jun 2007	Al-Hussein Bin Ali School, Hajjah, Yemen.	Secondary Education Certificate (94.25%, the 2 nd place in my governorate).

Professional Career Experience and Positions held

PROFESSIONAL EXPERIENCES

- Sep 2023-Now** **Lecturer in Clinical Pharmacy**, Al-Ayen Iraqi University
- Sep 2018-Dec 2022** **Clinical preceptor and Assistant lecturer**, Universiti Sains Malaysia
- Sep 2015 – March 2018** **Part-time pharmacy lecturer**, University of Science and Technology
- Jun 2016 - May 2017**
 - Research Assistant
Jordan University of Science and Technology, Jordan, Project:
“Evaluating the potential protective effect of vitamin E on oxaliplatin- induced genotoxicity in human cultured lymphocytes”
Advisor: Dr. Mohammad A. Alqudah
- Sep 2015 – Jan 2016**
 - Trainee as a clinical pharmacist.
At King Abdullah University Hospital, Jordan: (**780 hours**) as a clinical pharmacist in internal medicine, cardiology, and ICU departments.
 - Participated and shared opinions in prescribing medications.
 - Monitoring, evaluating, educating, and follow-up with patients and their response to treatment.
- Feb 2013–May 2013**
 - Pharmacist
Dawacom Chain Pharmacy, Amman (Jordan).

Current positions

- Lecturer at College of Pharmacy, Al-Ayen Iraqi University
- Head of Scientific Research Committee, College of Pharmacy, Al-Ayen Iraqi University
- Member of the Examinations Committee (Sep 2023- Sep 2024)
- Member of the Performance Evaluation Committee (Sep 2023-now)
- Accreditation and Classification Committee, College of Pharmacy, Al-Ayen Iraqi University, Iraq

Continuing Medical Education and Professional Development programs (CME & PD) (A few examples)			
No.	Title	Organizer	Date
✓	Essential Tools for Reference Management: Introduction to EndNote	AL-Ayen Iraqi University	14/11/2024
✓	Developing the research idea in Clinical research	AL-Ayen Iraqi University	7/11/2024
✓	Manuscript structure	AL-Ayen Iraqi University	31/10/2024
✓	Effective Literature review writing in medical and health research	AL-Ayen Iraqi University	24/10/2024

✓	New Asthma Management Guidelines 2022	PharmaGlobal	3/8/2022
✓	Effective Post-submission Publishing Strategies	Nature research academics	29/11/2020
✓	Logical Manuscript Structure	Nature research academics	30/11/2020
✓	Effective Academic Writing	Nature research academics	2/12/2020
✓	Successful Pre-submission Publishing Strategies	Nature research academics	3/12/2020
✓	Journal Editor 1 – Ethics & Responsibilities and Strong Editorial Vision & Workflows	Nature research academics	6/12/2020
✓	Journal Editor 2 – Positive author & reviewer experiences and journal promotion	Nature research academics	7/12/2020
✓	Clinical research methodology	Nature research academics	9/12/2020
✓	Hands-on workshop on a statistical method for research	School of Pharmacy, USM	26-28/8/2019 (Three days)
✓	Hands-on training on SPSS & AMOS	Yemeni students union-USM	7-8/9/2019 (two days)
✓	CITI certified program: Responsible Conduct of Research (RCR) (score 98%)	Jordan University of Science and Technology	12/8/2017
✓	Paroxysmal Nocturnal Hemoglobinuria (PNH) Disease Burden & Criteria for Cost-Effective Decision Making	Maarefa Management	18/12/2020
✓	Parenteral Nutrition (PN): Clinical & Practical Considerations	IVPN Network and Saudi Society of Clinical Pharmacy (SSCP)	5/12/2020
✓	Biosimilars Summit: Therapeutic Utility and Globalization Challenges	IVPN Network and Saudi society of clinical pharmacy (SSCP)	19/12/2020

Conferences

- Al Rabeah Sixth Cardiology Conference, 22-24/2024 (**Speaker**)
- JUST International pharmacy conference, 2017.
- The 4th conference of the association of faculties of pharmacy at Jordanian universities, 2017.
- The 2nd international conference on ethics in Jordan: Clinical trials, 2017.
- The 15th scientific congress of the association of pharmacy colleges in the Arab world & the 3rd international conference of the faculty of pharmacy at the University of Jordan, 2012.

Special Skills

Computer and Analysis Skills

- **Operating systems:** Windows and Microsoft Office programs.
- **Citation Programs:** EndNote and Mendeley.
- **Statistical programs:** IBM SPSS Statistics, GraphPad Prism, RevMan

Special Skills

- Excellent communication and teaching skills due to my extensive experience in research and teaching.
- Energetic, hard worker, motivated, collaborative, and possess excellent working attitude and skills within academic, health care professional as well as research teams.

Languages

- **Arabic**
- **English (IELTS Score: 7.5, Test date: 26/8/2017).**

Referees

Referees	
1	<p>Prof. Dr. Syed Azhar Syed Sulaiman, Ph.D (Ph.D degree Supervisor) Professor, Discipline of Clinical Pharmacy, School Of Pharmaceutical Sciences, Universiti Sains Malaysia, Penang, Malaysia. Tel: +604-6533888 Ext. 2254 Fax: +604-6570017 Email: sazhar@usm.my</p>
2	<p>Dr. Siti Maisharah Sheikh Ghadzi, Ph.D (Ph.D degree Co-Supervisor) Assistant professor, Discipline of Clinical Pharmacy, School Of Pharmaceutical Sciences, Universiti Sains Malaysia, Penang, Malaysia. Main Campus Phone: 6-04-653-3888, ext 4585 Main Campus Fax: 6-04-657-0017 Email: maisharah@usm.my</p>
3	<p>Dr. Mohammad A. Alqudah, Ph.D (MS.c degree Supervisor) Associate professor, Department of Clinical Pharmacy, Faculty of Pharmacy, Jordan University of Sciences and Technology- Irbid (22110), Jordan. Tel: (962) 2 7201000 ext. 26774 E-mail: maalqudah@just.edu.jo</p>
4	<p>Prof. Abeer Rababa'h Ph.D. (Taught me in MS.c degree) Associate Professor, Department of Clinical Pharmacy, Faculty of Pharmacy, Jordan University of Sciences and Technology- Irbid (22110), Jordan. Tel.: +962-2-7201000 Ext.(23915)/ Fax: +962-2-7201075 E-mail: amrababah@just.edu.jo</p>
	<p>More referees are available upon request</p>

Publications

Publications	Impact factor (IF) 2022/Scopus Q
Al-khawlani AR, Qasim QA, Halboup AM, Thiab S, Zawiah M, Al-Ashwal FY (2024) Insights and perceptions: Investigating pregnant women’s attitudes, understanding, and factors influencing knowledge regarding medication usage during pregnancy—A cross-sectional study. PLoS ONE 19(10): e0311235. https://doi.org/10.1371/journal.pone.0311235	Q1
Al-Ashwal, F. Y. , Syed Sulaiman, S. A., Sheikh Ghadzi, S. M., Harun, S. N., Halboup, A., & Kubas, M. A. (2024). The Impact of an Educational Intervention on Enhancing Clinical Knowledge of Physicians and Pharmacists Regarding Statins and Monitoring Parameters: The Experience of a Tertiary Teaching Hospital. <i>Advances in medical education and practice</i> , 357-368.	Q2
Halboup, A.M., Alzoubi, K.H., Abu-Farha, R.K., Harun, S.N., Al-Mohamadi, A., Battah, M., Jaber, A.A.S., Alkubati, S. and Al-Ashwal, F.Y., 2024 . Perceptions and Knowledge of Public Towards Emerging Human Monkeypox in Yemen: A Cross-Sectional Study [Response to Letter]. <i>Journal of Multidisciplinary Healthcare</i> , pp.55-56.	Q1
Zawiah, M., Al-Ashwal, F.Y. , Gharaibeh, L., Abu Farha, R., Alzoubi, K.H., Abu Hammour, K., Qasim, Q.A. and Abrah, F., 2023 . ChatGPT and clinical training: perception, concerns, and practice of pharm-D students. <i>Journal of Multidisciplinary Healthcare</i> , pp.4099-4110.	Q1
Halboup, A.M., Alzoubi, K.H., Abu-Farha, R.K., Harun, S.N., Al-Mohamadi, A., Battah, M.M., Jaber, A.A.S., Alkubati, S. and Al-Ashwal, F.Y., 2023 . Perceptions and knowledge of public towards emerging human monkeypox in Yemen: a cross-sectional study. <i>Journal of Multidisciplinary Healthcare</i> , pp.3689-3701.	Q1
Kubas, M.A., Al-Ashwal, F.Y. , Babattah, O.K. and Alsaqqaf, A.A., 2023 . Ipratropium Bromide/Salbutamol-Induced Acute Urinary Retention as a Result of Medication Error: A Case Report and Review of Cases in the Literature. <i>Clinical Pharmacology: Advances and Applications</i> , pp.107-111.	Q2
Al-Shami KM , Al-Ashwal FY , Bitar AN , Alshakhshir S. (2023). Contraceptives Knowledge and Perception: A Cross-Sectional Study Among Future Pharmacists in Jordan. <i>Open Access Journal of Contraception</i> . Volume 2023:14 Pages 159—167.	2.1
Al-Ashwal, F. Y. , Zawiah, M., Gharaibeh, L., Abu-Farha, R., & Bitar, A. N. (2023). Evaluating the Sensitivity, Specificity, and Accuracy of ChatGPT-3.5, ChatGPT-4, Bing AI, and Bard Against Conventional Drug-Drug Interactions Clinical Tools. <i>Drug, Healthcare and Patient Safety</i> , 137-147.	1.6/Q3

- Abu Hammour, K., Alhamad, H., **Al-Ashwal, F. Y., Halboup, A.**, Abu Farha, R., & Abu Hammour, A. (2023). ChatGPT in pharmacy practice: a cross-sectional exploration of Jordanian pharmacists' perception, practice, and concerns. *Journal of Pharmaceutical Policy and Practice*, 16(1), 115. **4.2/Q1**
- Abu-Farha, R., Fino, L., **Al-Ashwal, F. Y.**, Zawiah, M., Gharaibeh, L., Mea'ad, M. H., & Elhajji, F. D. (2023). Evaluation of community pharmacists' perceptions and willingness to integrate ChatGPT into their pharmacy practice: A study from Jordan. *Journal of the American Pharmacists Association*. **2.1/Q1**
- Mohammed, M., Kumar, N., Zawiah, M., **Al-Ashwal, F. Y.**, Bala, A. A., Lawal, B. K., ... & Sha'aban, A. (2023). Psychometric Properties and Assessment of Knowledge, Attitude, and Practice towards ChatGPT in Pharmacy Practice and Education: A Study Protocol. *Journal of racial and ethnic health disparities*, 1-10. **3.8/Q1**
- Al-Ashwal, F. Y.**, Sulaiman, S. A. S., Sheikh Ghadzi, S. M., Kubas, M. A., & Halboup, A. (2023). Physicians and pharmacists' clinical knowledge of statin therapy and monitoring parameters, and the barriers to guideline implementation in clinical practice. *PloS one*, 18(1), e0280432. **3.752/Q1**
- Al-Ashwal, F. Y.**, Sulaiman, S. A. S., Sheikh Ghadzi, S. M., Kubas, M. A., & Halboup, A. (2022). Risk assessment of atherosclerotic cardiovascular diseases before statin therapy initiation: Knowledge, attitude, and practice of physicians in Yemen. *PloS one*, 17(5), e0269002. **3.752/Q1**
- Al-Ashwal, F. Y.**, Sulaiman, S. A. S., Sheikh Ghadzi, S. M., Kubas, M. A., & Halboup, A. (2022). Prevalence and predictors of clinically significant statin–drug interactions among Yemeni patients taking statins for primary and secondary prevention of cardiovascular disease. *Current Medical Research and Opinion*, 1- 27. **2.705/Q2**
- Al-Ashwal, F. Y.**, Sulaiman, S. A. S., Sheikh Ghadzi, S. M., Kubas, M. A., & Halboup, A. (2022). Knowledge, attitude, perceived barriers, and practices among pharmacists regarding risk assessment of cardiovascular disease: a cross-sectional study in Yemen. *Current medical research and opinion*, 38(3), 451-459. **2.705/Q2**
- Bitar, A. N., Zawiah, M., **Al-Ashwal, F. Y.**, Kubas, M., Saeed, R. M., Abduljabbar, R., & Khan, A. H. (2021). Misinformation, perceptions towards COVID-19 and willingness to be vaccinated: A population-based survey in Yemen. *PloS one*, 16(10), e0248325. **3.752/Q1**
- Zawiah, M., Yousef, A. M., **Al-Ashwal, F. Y.**, Abduljabbar, R., Al-Jamei, S., Hayat Khan, A., & Alkhaldeh, B. (2021). Pharmacogenetics: A perspective and preparedness of Pharm-D and medical students in Jordan. *Pharmacogenetics and genomics*, 31(6), 125-132. **2/Q2**
- Al-Ashwal, F. Y.**, Kubas, M., Zawiah, M., Bitar, A. N., Mukred Saeed, R., Sulaiman, S. A. S., ... & Ghadzi, S. M. S. (2020). Healthcare workers' knowledge, preparedness, counselling practices, and perceived barriers to confront COVID- 19: A cross-sectional study from a war-torn country, Yemen. *PloS one*, 15(12), e0243962. **3.752/Q1**

- Zawiah, M., Al-Ashwal, F. Y., Saeed, R. M., Kubas, M., Saeed, S., Khan, A. H., ... & Abduljabbar, R. (2020). Assessment of healthcare system capabilities and preparedness in Yemen to Confront the novel coronavirus 2019 (COVID-19) outbreak: a perspective of healthcare workers. *Frontiers in public health*, 8, 419. **6.461/Q1**
- Zawiah, M., Yousef, A. M., Khan, A. H., Al-Ashwal, F. Y., Matar, A., ALKhawaldeh, B., ... & Abdo Ahmed, A. A. (2020). Food-drug interactions: Knowledge among pharmacists in Jordan. *PloS one*, 15(6), e0234779. **3.752/Q1**
- Alqudah, M. A., Al-Ashwal, F. Y., Alzoubi, K. H., Alkhatatbeh, M., & Khabour, O. (2017). Vitamin E protects human lymphocytes from genotoxicity induced by oxaliplatin. *Drug and Chemical Toxicology*, 1-6. **2.597/Q2**

Projects and Manuscripts (Manuscripts currently in progress and submitted)

1. Impact of Educational Intervention in Enhancing Pharmacy Students' Knowledge About Helicobacter Pylori Infection (**Stage: Under review, co-author**)
2. Spironolactone project (**Stage: ready for submission, co-author**)
3. Home Delivery of Medications: Assessments of Community Pharmacists Perceptions in Yemen (**Stage: ready for submission, co-author**)
4. Malaria management project (funded by a grant from WHO) (**Stage: Data collection, co-investigator**)
5. 3 Projects of undergraduate pharmacy students at Yemen University of Science and Technology (**Stage: Data analysis, co-author**)
6. Underutilization of statins among Yemeni patients for primary prevention (**Stage: Ready, it will be submitted soon, first author and corresponding author**)
7. Patterns of prescription of statins for patients with established ASCVD (**Stage: Ready, it will be submitted soon, first author and corresponding author**)
8. Association between adherence and Health Belief Model among patients with clinical indications for statins (**Stage: Ready, it will be submitted soon, first author and corresponding author**).

A reviewer at ISI- and Scopus-indexed high impact Journals

A reviewer at international ISI- and Scopus-indexed Journals:

- **The Lancet Global Health** (Impact factor 2022: **38.927**)
 - **Scientific reports** (Impact factor **4.6**)
 - **PloS One** (Impact factor 2022: **3.752**)
 - **Frontiers in Public Health** (Impact factor 2022: **6.461**)
 - PLOS Neglected Tropical Diseases (Impact factor 2022: 4.781)
 - Biomed research international (Impact factor 2022: 3.246)
 - Annals of Medicine and Surgery
 - International Journal of General Medicine (Impact factor 2022: 2.145)
 - SAGE Open Nursing
 - Advances in Public Health (Hindawi)
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