

Professor in Clinical Pharmacy &

Pharmacokinetics

Faculty of Pharmacy

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Mervat Musbah Zaki Alsous

Employment History (Former Dean of Pharmacy/Yarmouk University 2019-2023)

Sep 2025 – to date	Professor of Clinical Pharmacy and Pharmacokinetics, University of Jordan
May 2022 – Sep 2025	Professor of Clinical Pharmacy and Pharmacokinetics, Yarmouk University
Feb 2019 – May 2022	Associate professor of Clinical Pharmacy and Pharmacokinetics, Yarmouk University
May 2018 – Jan 2019	Associate professor of Clinical Pharmacy and Pharmacokinetics, Applied Science University
Feb 2014 – May 2018	Assistant professor of Clinical Pharmacy and Pharmacokinetics, Applied Science University
Feb 2009 – Sep 2010	Lecturer, University of Jordan/ School of Pharmacy
Oct 2007 – Sep 2008	Lecturer, Applied Science University/ School of Pharmacy
Jul 2003 – Jul 2004	R&D formulator at Al-Hikma Pharmaceuticals, Jordan

Professional Experiences

Feb 2019 – to date Lecturer of Therapeutics 1 and 3, Training course, Pharmacokinetics

Feb 2014 –Jan 2019 Lecturer of Pharmacokinetics, Advanced pharmacokinetics, Pharmacokinetics lab, Therapeutics, OTC, Clinical biochemistry, Clinical biochemistry lab, Physiology, Public health, Pharmacology Lab, Pharmacy training.

Feb 2009 – Sept 2010: Lecturer of Toxicology, Pharmacokinetics lab, Training of Pharm D students in the Hospital/ University of Jordan

Oct 2007 – Sep 2008 Lecturer of Pharmacology, Therapeutics 1 &2, Pharmacokinetics lab, Therapeutics Lab/ Applied Science University

Nov 2006 – May 2007 Principle investigator; establishing an experimental clinic to manage patients receiving warfarin collaboratively with physicians, providing pharmaceutical care interventions and patient counselling at Jordan University Hospital (MSc dissertation project).

Feb 2006 – May 2007 Clinical pharmacist, Jordan University Hospital/ Internal medicine department (MSc clinical pharmacy placement)

Jul 2003 – Jul 2004 Research and development formulator in the ANDA team at Al-Hikma Pharmaceuticals, Jordan

Education

Oct 2010 – Dec 2013 Doctor of Philosophy (PhD), Queen's University Belfast
Safe and Effective Use of Medicine in Children: Adherence and Population Pharmacokinetics Approaches

Sept 2005 – Aug 2007 Master (MSc) of Clinical Pharmacy, University of Jordan- Excellent
The Impact of Patients' Education about Warfarin on Improvement of Their Basal Knowledge Regarding Its Administration and Side Effects: A Study on Patients who Receive Warfarin at Jordan University Hospital

Sept 1998 – June 2003 BSc University of Jordan /Faculty of pharmacy- Very Good

Tawjihi (High school) Excellent (95.6%)

Research Interest

Interested in Clinical Pharmacy, pharmacy practice and pharmacokinetics research. I am working with many academics from Jordan and researchers from the school of pharmacy/ Queen's University Belfast and University College London.

Research interests include: Compliance with guidelines and Adherence to medications in children with leukemia, inflammatory bowel disease and epilepsy using subjective and objective methods. Pharmacovigilance. Antibiotic use in Jordan. Beliefs about medications and depression as factors affecting adherence to medications. Analysis of drugs in plasma and dried blood samples using HPLC and Mass-spectrometry. Pharmacokinetics of ketamine in neonates.

Peer-reviewed Journals

1. Shannag, S., Al-Jabari, S., Sbitan, L., Alsheyyab, J., Zeitoon, S.E., Hanandeh, S., **Alsous, M.** and Gammoh, O (2025). Prevalence and correlates of insomnia and fatigue in patients with type 2 diabetes in Jordan. *The International Journal of Psychiatry in Medicine*, 60(2), 143-154.
2. Gammoh, O., Bazi, S., Al Akash, R., Sayaheen, B., **Alsous, M.**, & Alomari, A. (2025). Assessment of depression, PTSD, and insomnia symptoms in a cohort of Palestinian migrants residing in Jordanian camps during the outbreak of the War on Gaza: occurrence and correlates. *Discover mental health*, 5(1), 8.
3. Alameri, M., Gharaibeh, L., **Alsous, M.**, Yaghi, A., Tanash, A. A., Sa'id, S., & Sartawi, H. (2025). Antibiotic Prescription Practice and Resistance Patterns of Bacterial Isolates from a Neonatal Intensive Care Unit: A Retrospective Study from Jordan. *Antibiotics*, 14(1), 105.
4. Alameri, M., Al-Taani, G., **Alsous, M.**, Shilbayeh, S., & Al Mazrouei, N. (2025, June). Attitude and Awareness Toward General and Professional Ethics Among Pharmacists and Pharmacy Students: A Cross-Sectional Study from Jordan. In *Healthcare* (Vol. 13, No. 13, p. 1556). MDPI.
5. Abdelhadi, N. N., & **Alsous, M. M.** (2025). Prevalence and determinants of hypertension among women of childbearing age in Jordan. *Eastern Mediterranean Health Journal*, 31(5).
6. Abdelhadi, N. N., Al-Meanazel, A., Al-Halaseh, L. K., **Alsous, M. M.**, Al-Shatnawi, S., Jaffal, A. A. Q., ... & Darwish, R. M. (2025). Pharmacy students' motivations, satisfaction, and future career plans: A cross-sectional study exploring gender differences. *PLoS one*, 20(3), e0317896.

7. Gammoh, O., Alqudah, A., Al-Ameri, M., Sayaheen, B., **Alsous, M.**, Al-Tawalbeh, D., ... & Qnais, E. (2025). Prevalence and Risk Factors of Mobile Screen Dependence in Arab Women Screened with Psychological Stress: A Cross-Talk with Demographics and Insomnia. *Journal of Clinical Medicine*, 14(5), 1463.

Abdelahdi, N, **Alsous M.** (2024). Prevalence and Determinants of Hypertension in Childbearing Aged Women in the Jordan WHO STEP Survey: A Secondary Analysis of a Representative Cross-Sectional Survey. *Eastern Mediterranean Health Journal*. (Accepted article).

8. Abdelhadi, N. N., Al-Meanazel, A., Al-Halaseh, L. K., **Alsous, M. M.**, Al-Shatnawi, S., Jaffal, A. A. Q., ... & Darwish, R. M. (2025). Pharmacy students' motivations, satisfaction, and future career plans: A cross-sectional study exploring gender differences. *PLoS one*, 20(3), e0317896.

9. Gammoh, O., **Alsous, M.**, Al-Ameri, M., Al-Jabari, S., Sbitan, L., Alsheyyab, J., ... & Shilbayeh, S. A. R. (2024, December). Addiction to Smartphone Use in Smokers Diagnosed with Type 2 Diabetes in Jordan: Are Their Medications Involved?. In *Healthcare* (Vol. 12, No. 24, p. 2559). MDPI.

10. Al-Taani, G. M., Yehya, A., Albals, D., & **Alsous, M.** (2024). Assessment of adherence to carbamazepine using plasma and saliva samples, a study from Jordan. *Helijon*, 10(5).

11. Hammoudi Halat, D., **Alsous, M. M.**, Al-Jumaili, A. A., Malki, A., Ahmed, K. K., Hamad, A., ... & Rahal, M. (2024). Pharmacy faculty experiences with student academic entitlement: a multinational study from the Arab world. *BMC Medical Education*, 24(1), 470.

12. **Alsous, M.**, Al Muhaissen, B., Massad, T., Sayaheen, B., Alnasser, T., Al-Smadi, A., ... & Gammoh, O. (2024). Exploring depression, PTSD, insomnia, and fibromyalgia symptoms in women exposed to Gaza war news: A community-based study from Jordan. *International Journal of Social Psychiatry*, 00207640241270831.

13. Gammoh, O., Al-Ameri, M., Altaani, G., Al-Smadi, A., Al-Zegoul, R., Massad, T., ... **Alsous, M.** & Shilbayeh, S. A. R. (2024). The Risk of Severe Fibromyalgia, Depression, Anxiety, and Insomnia Symptoms in Arab Women: An Implication of Self-Medication with Analgesics? A Cross-Sectional Study. *Medicina*, 60(7), 1065.

14. Shannag, S., Al-Jabari, S., Sbitan, L., Alsheyyab, J., Zeitoon, S. E., Hanandeh, S., ... **Alsous, M.** & Gammoh, O. (2024). Prevalence and correlates of insomnia and fatigue in patients with type 2 diabetes in Jordan. *The International Journal of Psychiatry in Medicine*, 00912174241269543.

15. Gammoh, O., Sayaheen, B., **Alsous, M.**, Al-Smadi, A., Al-Jaidi, B., & Aljabali, A. A. (2024). The Prevalence and Correlates of Depression, Anxiety, and Insomnia among Camp Residing

Palestinian Women Migrants during the Outbreak of the War on Gaza: A Cross-Sectional Study from Jordan. *Medicina*, 60(8), 1228.

16. Gammoh, O., Durand, H., Alqudah, A., Qnais, E., Ajlouni, Y., Sakher, S. B., ... **Alsous, M.** & Shilbayeh, S. A. (2024). Menstrual pain self-medication relates to poor mental health outcomes from Al-Zaatri refugees' camp. *African Journal of Reproductive Health*, 28(6), 66-74.
17. Hamdan, S., Taybeh, E., & **Alsous, M. M.** (2024). Determinants of self-care among Jordanian children with type 1 diabetes mellitus. *Journal of the Egyptian Public Health Association*, 99(1), 19.
18. Naser, A. Y., Aboutaleb, R., Khaleel, A., Alsairafi, Z. K., Alwafi, H., Qadus, S., ... **Alsous, M.** & Bahlol, M. (2024). Knowledge, attitude, and practices of pharmacy students in 7 Middle Eastern countries concerning antibiotic resistance: A cross-sectional study. *Medicine*, 103(36), e39378.
19. Elsahoryi, N. A., Odeh, M. M., **Alsous, M.**, Kastero, D. H., Al-Mughrabi, L. F., Darras, S. A., & Aljahdali, A. A. (2024). Adolescents with Diabetes, exploring Knowledge, Attitude and Practice: A Cross-Sectional Analytical Study. *Pharmacy Practice*, 1-12.
20. Halat, D. H., Al-Jumaili, A. A., Ahmed, K. K., Rahal, M., Hamad, A., Darwish, R. M., **Alsous M.** & Alsharif, N. Z. (2024). Academic entitlement among pharmacy students in the arab world: a multi-national exploratory study. *American Journal of Pharmaceutical Education*, 88(2), 100640.
21. Gammoh, O., Al Rob, O. A., Alqudah, A., Al-Smadi, A., Dobain, M. O., Zeghoul, R., ... & **Alsous, M.** (2024). Risk factors for severe dysmenorrhea in Arab women: A focus on war displacement and mental health outcomes. *AIMS Public Health*, 11(1), 209.
22. Gammoh, Omar, Ahmed Al-Smadi, Mohammad Mansour, Wail Ennab, Suha Al Hababbeh, Ghaith Al-Taani, **Mervat Alsous**, Alaa AA Aljabali, and Murtaza M. Tambuwala. (2024). The relationship between psychiatric symptoms and the use of levetiracetam in people with epilepsy. *The International Journal of Psychiatry in Medicine*, 59(3), 360-372.
23. Abdel Jalil, M., Khaled, F., Qaryouti, F., Abu Hammour, K., **Alsous, M.**, & Al-lede, M. (2023). Vancomycin audit in the paediatric population: Patterns of use and appropriateness of therapeutic drug monitoring. *Basic & Clinical Pharmacology & Toxicology*, 132(5), 425-433.
24. Gammoh, O., Durand, H., Abu-Shaikh, H., & **Alsous, M.** (2023). Post-traumatic stress disorder burden among female Syrian war refugees is associated with dysmenorrhea severity but not with the analgesics. *Electronic Journal of General Medicine*, 20(4).
25. Jalil, M. H. A., **Alsous, M. M.**, Hammad, E. A., Mousa, R., Saleh, M. M., & Hammour, K. A. (2022). Perceived public stress among Jordanians during the COVID-19 outbreak. *Disaster medicine and public health preparedness*, 16(1), 240-244.

26. Al-Alami, Z. M., Adwan, S. W., & **Alsous, M.** (2022). Remote learning during Covid-19 lockdown: A study on anatomy and histology education for pharmacy students in Jordan. *Anatomical sciences education*, 15(2), 249-260.

27. Haddadin, R., Aladwan, H., Alkhawaldeh, B., **Alsous, M.**, & Collier, P. (2021). Clinical microbiology laboratory isolates: prevalence and gender variation. *Jordan Journal of Pharmaceutical Sciences*, 14(2).

28. Al-Alami, Z., **Alsous, M.**, & Abu-Hakmeh, M. (2021). Use of complementary and alternative therapies in infants under 3 months in Jordan. *Eastern Mediterranean Health Journal*, 27(1), 7-15.

29. Taybeh, E., Kokash, R., Talhouni, A., & **Alsous, M.** (2021). Knowledge about medicine use in pregnancy: a National Study among pharmacy students in Jordan. *Current Reviews in Clinical and Experimental Pharmacology Formerly Current Clinical Pharmacology*, 16(3), 256-262.

30. **Alsous, M. M.**, I. Al-Azzam, S., Nusair, M. B., Alnahar, S. A., & Obeidat, N. A. (2021). Self-medication among pregnant women attending outpatients' clinics in Northern Jordan-a cross-sectional study. *Pharmacology Research & Perspectives*, 9(2), e00735.

31. **Alsous, M. M.**, Ali, A., Al-Azzam, S., Karasneh, R., & Amawi, H. (2021). Knowledge about cervical cancer and awareness about human papillomavirus vaccination among medical students in Jordan. *PeerJ*, 9, e11611.

32. **Alsous, M. M.**, Ali, A. A., Al-Azzam, S. I., Abdel Jalil, M. H., Al-Obaidi, H. J., Al-Abbadia, E. I., ... & Jirjees, F. J. (2021). Knowledge and awareness about human papillomavirus infection and its vaccination among women in Arab communities. *Scientific reports*, 11(1), 786.

33. Al-Alami, Z., **Alsous, M.**, & Abdelwahab, G. (2020). Familiarity and Attitude toward Pharmacovigilance among Pharmacy Academics in Jordanian Universities: A Cross-Sectional Study. *Jordan Journal of Pharmaceutical Sciences*, 13(4).

34. Abdel Jalil, M., **Alsous, M. M.**, Abu Hammour K., Saleh M., Mousa R., Hammad E. (2020). Role of pharmacists in COVID-19 disease: a Jordanian perspective. *Disaster Medicine and Public Health Preparedness* (Accepted article: 1/05/2020)

35. Abdel Jalil, M. H., Abdullah, N., **Alsous, M. M.**, Saleh, M., & Abu-Hammour, K. (2020). A systematic review of population pharmacokinetic analyses of digoxin in the paediatric population. *British Journal of Clinical Pharmacology*.

36. **Alsous, M. M.**, Hawwa, A. F., & McElnay, J. C. (2020). Haematocrit, blood volume and surface area of dried blood spots-a quantitative model. *Drug Testing and Analysis*.

37. **Alsous, M. M.**, Hawwa, A. F., Imrie, C., Szabo, A., Alefishat, E., Farha, R. A., ... & McElnay, J. C. (2020). Adherence to Azathioprine/6-Mercaptopurine in Children and Adolescents with Inflammatory Bowel Diseases: A Multimethod Study. *Canadian Journal of Gastroenterology and Hepatology*, 2020.

38. Taybeh, E., Al-Alami, Z., **Alsous, M.**, Rizik, M., & Alkhateeb, Z. (2020). The awareness of the Jordanian population about OTC medications: A cross-sectional study. *Pharmacology Research & Perspectives*, 8(1), e00553.

39. **Alsous, M.** Determination of azathioprine/6-mercaptopurine metabolites IN dried blood spots: correlation with RBCconcentrations. *Journal of Pharmaceutical and Biomedical Analysis*, 112870. 2019

40. Haddadin RN, Tahaineh L, **Alsous M**, Wazaify M. Evaluation of antibiotic dispensing practice in community pharmacies in Jordan: A cross sectional study. "PloS one" 14(4), e0216115. 2019

41. **Alsous M.**, Abdel Jalil M., Odeh M., Al Kurdi R., Alnan M. Public knowledge, attitudes and practices toward diabetes mellitus: A cross-sectional study from Jordan. "PloS one" 14(3), e0214479. 2019

42. R Almardini, EO Taybeh, **MM Alsous**, AF Hawwa, K McKeever, R Horne, JC McElnay. A multiple methods approach to determine adherence with prescribed mycophenolate in children with kidney transplant. "British Journal of Clinical Pharmacology". 2019

43. **Alsous M.**, Darwish Elhajji F., Abu Amara G., Elayeh E., Akour A., Mismar A.. Screening for Depressive Symptoms in Patients with Diabetic Foot using (CES-D) Scale: A Cross-Sectional Study. "Jordan Medical Journal". 2018

44. **Alsous M**, Hamdan I, Saleh M, McElnay J, Horne R, Masri A. Predictors of nonadherence in children and adolescents with epilepsy: A multimethod assessment approach. "Epilepsy & Behavior". 2018 Jul 4.

45. **Alsous M**, Elayeh E, Jalil MA, Alhawmdeh E. Evaluation of Self-Medication Practice among Pharmacy Students in Jordan. "Jordan Journal for pharmaceutical Sciences". 2018.

46. Hammour KA, Farha RA, **Alsous M**, Rizik M, Hammour WA. Evaluation of risk factors affecting parental knowledge and attitude toward antibiotic use in children with upper respiratory tract infections. "European Journal of Integrative Medicine". 2018 Jan 1;17:107-11.

47. **Alsous M**, Yousef AM, Jalil MA, Zawiah M, Yacoub S, Momani D, Gharabli A, Omar S, Rihani R. Genetic Polymorphism of Thiopurine S-methyltransferase in Children with Acute Lymphoblastic Leukemia in Jordan. "Asian Pacific Journal for Cancer Prevention". 2018;19(1):199.

48. Abdel Jalil, M, Abu Hammour, K, **Alsous, M**, Awad, W, Hadadden, R, Bakri, F & Fram, K (2017). Surgical site infections following caesarean operations at a Jordanian teaching hospital: Frequency and implicated factors. "**Scientific reports**", 7(1), 12210.

49. **Alsous, M**, Abu Farha, R, Alefishat, E, Al Omar, S, Momani, D, Gharabli, A, McElnay, J, Horne R. and Rihani R. (2017). " Adherence to 6-Mercaptopurine in children and adolescents with Acute Lymphoblastic Leukemia. "**PloS one**" 12(9), e0183119.

50. Mukattash, T, Alattar, M, Farha, R, **Alsous, M**, Jarab, A, El-Hajii, F. and Mukattash, I. (2017). Evaluating Scientific Research Knowledge and Attitude among Medical Representative in Jordan: A Cross-sectional Survey. "**Current Clinical Pharmacology**".

51. Hamdan, I, **Alsous, M**. and Masri, A. (2017). Chromatographic Characterization and Method Development for Determination of Levetiracetam in Saliva: Application to Correlation with Plasma Levels. "**Journal of Analytical Methods in Chemistry**".

52. Jalil, M. H. A, Hammour, K. A., **Alsous, M**, Hadadden, R, Awad, W, Bakri, F. and Fram, K. (2017). Noncompliance with surgical antimicrobial prophylaxis guidelines: A Jordanian experience in cesarean deliveries. "**American Journal of Infection Control**".

53. **Alsous, M.**, Alhalaiqa, F., Farha, R. A., Jalil, M. A., McElnay, J. and Horne, R. (2017). Reliability and validity of Arabic translation of Medication Adherence Report Scale (MARS) and Beliefs about Medication Questionnaire (BMQ)—specific for use in children and their parents. "**PloS one**" 12 (2), e0171863.

54. **Alsous, M.**, (2017). Medication Adherence in Children. "**ARCHIVOS DE MEDICINA**" 2: 8.

55. Abu Farha, R, Suyagh, M, Alsakran, L, **Alsous, M**. and Alefishat, E. (2016). Parental views of antibiotic use in children with upper respiratory tract infections in Jordan. "**Tropical Journal of Pharmaceutical Research**" 15: 2009-16.

56. Abu Farha, R, **Alsous, M**, Elayeh, E and Hattab, D. (2015). A Cross-Sectional Study on Knowledge and Perceptions of Pharmacovigilance among Pharmacy Students of Selected Tertiary Institutions in Jordan. "**Tropical Journal of Pharmaceutical Research**" 14: 1319-1326.

Published Conference Abstracts

- Hamdan, S., Taybeh, E., & **Alsous, M. M.** Determinants of self-care among Jordanian children with type 1 diabetes mellitus. **Applied Science University conference (Integrative Approaches in Pharmacy)**. Nov 2024.

- **Alsous, M. M.**, Ali, A. A., Al-Azzam, S. I., Abdel Jalil, M. H., Al-Obaidi, H. J., Al-Abbadi, E. I., ... & Jirjees, F. J. Knowledge and awareness about human papillomavirus infection and its vaccination among women in Arab communities. **1st International Conference of the Faculty of Pharmaceutical Sciences at Hashemite University**. April (2024).
- **Alsous, M**, Darwish Elhajji, F, Abu Amara, G, Elayeh, E, Akour, A. and Mismar, A. (2018). Depression among patients with diabetic foot in Jordan. **11th International conference and Exhibition on Pharmacovigilance and drug safety**. 20-21 June. London, UK.
- **Alsous, M**, Abu Farha, R, Alefishat, E, Al Omar, S, Momani, D, Gharabli, A, McElnay, J, Horne R. and Rihani R. (2017). Adherence to 6-Mercaptopurine in children and adolescents with Acute Lymphoblastic Leukemia. **"Second international conference and the sixth international conference of the Jordanian faculties of pharmacy and 20th congress of the Arab Association of the Faculties of Pharmacy"**. Al Isra University, Amman, Jordan.
- **Alsous, M**, Yousef, A, Abdel Jalil, M, Zawyha, M, Yacoub, S, Omar, S, Momani, D, Gharabli and Rihani R. (2017). Genetic polymorphism of thiopurine S-methyltransferase in children with Acute Lymphoblastic Leukemia in Jordan. **"Second international conference and the sixth international conference of the Jordanian faculties of pharmacy and 20th congress of the Arab Association of the Faculties of Pharmacy"**. Al Isra University, Amman, Jordan.
- **Alsous, M**, Hamdan, I, Saleh, M, Masri, A. and Horne, R. (2017). Adherence in children and adolescents with epilepsy: Across sectional study. **JUST International Pharmacy Conference "The 4th conference of the Association of Faculties of Pharmacy at Jordanian Universities and the 2nd International conference of ethics in clinical trials in Jordan"**. Irbid, Jordan.
- **Alsous, M**, Darwish Elhajji, F, Abu Amara, G, Elayeh, E, Akour, A. and Mismar, A. (2016). Depression among patients with diabetic foot in Jordan. **4th International Pharma & Clinical Pharmacy Congress**. Las Vegas, Nevada, USA.
- Courtney, J., **Alsous, M**, McElnay, J., Halliday, H.L. and Sweet, D.G. (2014). Ketamine Use for Procedural Sedation in Neonatal Intensive Care Units-A Population Pharmacokinetic Study Based on Novel Dried Blood Spot Sampling. **NEONATOLOGY** (Vol. 109, No. 4, pp. 386-386). ALLSCHWILERSTRASSE 10, CH-4009 BASEL, SWITZERLAND: KARGER.

- **Alsous, M.**, Abu Farha, R, Elayeh, E and Hattab, D. (2015). Cross-Sectional Study on Knowledge and Perceptions of Pharmacovigilance among Pharmacy Students of Selected Tertiary Institutions in Jordan. **4th Global Summit on Healthcare**. Dubai, UAE.
- Courtney, J., **Alsous, M.**, McElnay, J., Halliday, H.L. and Sweet, D.G. (2014). Ketamine Sedation for LASER Therapy of Retinopathy of Prematurity in Babies with Bronchopulmonary Dysplasia. In **NEONATOLOGY** (Vol. 105, No. 4, pp. 361-361). ALLSCHWILERSTRASSE 10, CH-4009 BASEL, SWITZERLAND: KARGER.
- **Alsous, M.**, Hawwa, A. and McElnay, J. (2013). Development and validation of LC/MS/MS method for determination of AZA/6-MP in Dried Blood Spot (DBS) samples. **35th All Ireland Schools Conference**. Belfast, UK.
- **Alsous, M.**, Hawwa, A. and McElnay, J. (2012). Development and validation of HPLC method for determination of AZA/6-MP in Plasma and packed Red Blood Cells (RBCs). **34th All Ireland Schools Conference**. Cork, Ireland.
- **Alsous M.** and Boulatova, N. (2008). The Impact of Patients' Education about Warfarin on Improvement of Their Basal Knowledge Regarding Its administration and Side Effects: A Study on Patients who Receive Warfarin at Jordan University Hospital. **Arabic pharmacists' union conference 26 and Jordanian pharmacists' conference 12**. Amman, Jordan.

Funded research projects

- Self-medication practices among pregnant women in Jordan. Deanship of Academic Research Academic Research Council, Yarmouk University, 2019.
- Knowledge about cervical cancer and awareness about human Papilloma virus vaccination among Medical students. Deanship of Academic Research Academic Research Council, Yarmouk University, 2019.
- Adherence to Anti-epileptic drugs (AEDs) in children. Deanship of Academic Research Academic Research Council, Applied Science University, 2014.

- Validation of Arabic translated forms of medication adherence report scale (MARS) and beliefs about medication scale (BMQ) in children and their parents. Deanship of Academic Research Academic Research Council, Applied Science University, 2015.
- Depression in patients with diabetic foot in Jordan. Deanship of Academic Research Academic Research Council, Applied Science University, 2015.
- Adherence to AZA/6-MP in children with leukemia and IBD. Deanship of Academic Research Academic Research Council, Applied Science University, 2014.

Master student's supervision

A comparative study of antimicrobial use at the same hospital setting in different periods of the year in "Amman" Jordan. Main supervisor: Dr. Feras Elhajji; Co-supervisor: Dr. Mervat Alsous. (Student: Haneen Nidal- Graduated Summer 2016)

Committee/ Association membership

- Member of editorial board in the following Journals
 1. International Journal of medical and applied science
 2. Journal of Health care communications
 3. Modern application of bioequivalence and bioavailability
 4. UK Journal of pharmaceutical and Biosciences (UKJPB)
- Member of International Association of Therapeutic Drug Monitoring and Clinical Toxicology (IATDCMT)
- Member of Jordan Pharmaceutical Association (JPA) since 2003 till now
- Member/head of several committees at Yarmouk University (At the faculty level and university level), For example: member of Dean's council at university level (2019-2023), head of Faculty council (2019-2023), head of Strategic planning committee (2021-2022), head of curriculum committee (2019-2022), head of training committee (2020-2023), member of scientific research committee at university level (2023-2024).
- Head of steering committee of ACPE at Yarmouk University (2020-2022).
- Member of Jordanian women academics association (2022-present)
- Member of the general authority of the women's union (2021-present)

- Member of Association of Deans of Faculties of Pharmacy in Jordanian Universities (2019-2023)
- Member of Bioequivalence committee in Jordan Food and Drug Administration (JFDA) (2015-2019).
- Member of Association of Jordanian Women Academics since 2016 till now
- Member of Clinical Pharmacy committee at Jordan Pharmaceutical Association since 2017-2019
- Member of several active committees within the faculty of pharmacy such as equivalency, examination, accreditation and quality, conferences, Labs and laboratory equipment, scientific research, and OSCE's examinations.

Activities, Workshops and training courses

- Giving lecture to 8th class students at Model school /Irbid about Diabetes Mellitus (causes, symptoms and treatment).
- Giving lectures to community pharmacists about drug-drug interactions, NSAIDs induced gastrolatry prophylaxis (in cooperation with AstraZeneca). (2022-2023)
- Organizing and giving several lectures, workshops and scientific days during Deanship of faculty of pharmacy/ Yarmouk University such: scientific conference (2nd and 3rd scientific pharmacy conferences at Yarmouk University), Corona virus vaccination campaign, career days for pharmacy students, ask the pharmacist activity, Alumini meeting, and lectures about treatment of chronic diseases in Ramadan....etc (2019-2023)
- Giving lectures within a training workshop about Clinical Pharmacy in cooperation with the Jordanian expert team (from 5-Aug-2017 to 5-Aug-2018). Amman, Jordan.
- Visiting fellow to School of pharmacy Queen's University Belfast (June- 2018)
- Attending a workshop about Bioequivalence studies at by Jordan Food and Drug Administration (JFDA) (May-2018). Amman, Jordan.
- Attending a workshop for course outline development at ASU (April 2017)
- Attending a workshop for SPSS analysis at ASU (February 2017)
- Attending a workshop for staff development at ASU (September- 2015)
- Attending a workshop by Jordan Food and Drug Administration (JFDA) about Harmonization for quality assessment of pharmaceuticals At Kempinski Hotel (August 8th-9th, 2015). Amman, Jordan.
- Attending a workshop about Bioequivalence studies at Royal Scientific Society (February- 2015). Amman, Jordan.

References

- James McELnay, PhD., Professor.
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