



Curriculum Vitae

AL-Motassem Fahmi Yousef, PhD

Professor of Pharmacology and Therapeutics

Ex-Vice Dean for Quality and Accreditation

Ex-Dean's Assistant for Quality and Development

Ex-Dean's Assistant for PharmD program and Hospital Affairs

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Education

- 1988-1989** Ka'ab bin Ady High School, **Tawjeehi Certificate** (Kuwait) [GPA:97.2%]
1989-1995 Jordan University/**College of Pharmacy BSc** (Jordan) [GPA:89%]
1997-2002 University of South Carolina/**College of Pharmacy PhD** (USA)
[GPA:3.97]

Professional Experience

- 1995-1997** The University Jordan /School of Pharmacy (Jordan)
Teaching Assistant, industrial pharmacy lab
- 1997-2002** University of South Carolina/School of Pharmacy (USA)
Teaching Assistant, Hospital Pharmacy, Community Pharmacy
Pharmacist at Palmetto Poison Control Center
- 2002-2008** The University Jordan /School of Pharmacy (Jordan)
Assistant Professor,
- 2009-2012** The University Jordan /School of Pharmacy (Jordan)
Applied Science University
Associate Professor,
- 2013-2015** The University Jordan /School of Pharmacy (Jordan)
Professor of Pharmacology and Therapeutics
Dean's Assistant for PharmD Program & Hospital Affairs
Undergraduate courses
Therapeutics (1, 2, 3, 4), Pharmacology (1, 2), Toxicology, Para-
Pharmaceutics, Over The Counter Drugs, Evidence Based Medicine,
Clinical Pharmacy Practice at JUH Hospital, Pharmaceutical care
Graduate (Master of Clinical Pharmacy)
Therapeutics (1, 2, 3), Research Methodology, Evidence Based

- Medicine, General Hospital Training (1, 2), Specialized Hospital Training.
- 2015- 2017** The University Jordan /School of Pharmacy (Jordan)
Professor of Pharmacology and Therapeutics
Dean's Assistant for Quality and Development
- 2017-2018** The University Jordan /School of Pharmacy (Jordan)
Professor of Pharmacology and Therapeutics
Vice Dean for Assistant for Quality and Accreditation

Languages

Arabic (written and spoken)

English (written and spoken)

Research Interests

I] Pharmacy Care

- Development of pharmaceutical care in Jordan
- Development of pharmaceutical care education
- Rational Use of Drugs
- Self-medication among Jordanians
- Misuse and abuse in community pharmacy
- Management gaps in the treatment of chronic diseases
- Pharmacokinetics and population pharmacokinetics

II] Molecular pharmacology

- Pharmacogenomics
- in relation to pharmacokinetics and pharmacodynamics of
- Cancer pharmacogenomics
- Different ethnicities in Jordan
- Adverse effects of medicaments
- Epilepsy pharmacogenomics

References

Professor Amal Al Bakri	(+962-798301938)	(agbakri@ju.edu.jo)
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Experience

1. Molecular Biology

All aspects of genomics and proteomics

Tissue culture

2. Pharmacy Care

Development and validation of quantitative and qualitative measuring tools

Research Funding/Grants

- | | |
|-------------|---|
| 2003 | 1. Rational drug use in Jordan. (Deanship of Academic Research, University of Jordan, 6, 000 JD). |
| 2006 | 2. Pharmacogenetics and efficacy of Tacrolimus in Jordanian Kidney transplant patients (Deanship of Academic Research, University of Jordan, 10,000 JD). |
| 2007 | 3. Genetic Polymorphisms of the CYP3A4 and CYP3A5 Genes and their Impacts on Effectiveness of Tacrolimus among Jordanian Population (Deanship of Academic Research, University of Jordan, 1,500 JD). |
| 2009 | 4. Influence of genetic polymorphism of ABCB-1 gene at position 3435 on 600mg Clopidogrel Pharmacokinetics as measured by serum level of Carboxylic acid metabolite (Deanship of Academic Research, The University of Jordan, 1, 500 JD). |
| 2010 | 5. The effect of genetic polymorphism of CYP3A5 on the clopidogrel carboxylate pharmacokinetics, Deanship of Academic Research, University of Jordan. 1,500 JD). |

- 2010** 6. The Effect of Genetic Polymorphism of VKORC1 on Warfarin Dose Requirements Among Jordanian Patients at Jordan University Hospital (Deanship of Academic Research, University of Jordan, **1,500 JD**).
- 2011** 7. Association between polyadenosine repeats (Poly A) polymorphism at (rs17878969) in 3 untranslated region (3UTR) of the human vitamin D receptors gene (VDR) on susceptibility to asthma among Jordanian. (Deanship of Academic Research, University of Jordan, **1,500 JD**)
- 2012** 8. Variability in response to ticagrelor among Jordanian Diabetic and non-Diabetic using ADP as a model agonist (Ex-vivo study). (Deanship of Academic Research, University of Jordan, **2000 JD**)
9. Platinum compounds induced-long term hearing impairment and their association with glutathione S- transferase PI (GSTPI) polymorphism at rs1695 among Jordanian people with cancer: case control study. (Deanship of Academic Research, University of Jordan, **1,500 JD**)
- 2012** 10. Variability in response to ticagrelor among Jordanian Diabetic and non-Diabetic using ADP as a model agonist (Ex-vivo study). (Deanship of Academic Research, University of Jordan, **2000 JD**)
- 2012** 11. Variability in response to Tirofiban among Jordanian Diabetic and non-Diabetic using TRAP as a model agonist (Ex-vivo study). (Deanship of Academic Research, University of Jordan, **2000 JD**)
- 2012** 12. The effect of smoking on the variability of aspirin and anti-platelet agent among diabetic patients: an ex vivo study. (Deanship of Academic Research, University of Jordan, **1,500 JD**)
- 2012** 13. Appropriateness of the preparation and administration of intravenous medication in the intensive care units at Jordan University Hospital. (Deanship of Academic Research, University of Jordan, **750 JD**)
- 2012** 14. How genetic polymorphism of CYP2D6 AND CYP1A2 influence pharmacokinetics of paroxetine among healthy volunteers? (Deanship of Academic Research, University of Jordan, **21, 000 JD**).
- 2013** 15. Allele and genotype frequency of the polymorphic methylenetetrahydrofolate reductase and colorectal cancer among Jordanian population.(Deanship of Academic Research, University of Jordan, **2,000 JD**).
- 2013** 16. Allele and genotype frequency of the polymorphic MTHFR & lung cancer among Jordanian population.(Deanship of Academic Research, University of Jordan, **2,000 JD**)

- 2013** 17. Impact of smoking on antiplatelet activity of Tyrofiban in Jordanian healthy population using TRAP as an agonist: case controls study. (Deanship of Academic Research, University of Jordan, **1,500 JD**)
- 2013** 18. Impact of smoking on antiplatelet activity of Ticagrelor in Jordanian healthy population using ADP as an agonist: case controls study. (Deanship of Academic Research, University of Jordan, **1,500 JD**)
- 2013** 19. Appropriateness of the preparation and administration of intravenous medication in the pediatric intensive care unit (ICU) at Palestine medical complex. (Deanship of Academic Research, University of Jordan)
- 2013** 20. Cross sectional evaluation of antibiotic use within the intensive care unit at the University of Jordan hospital. (Deanship of Academic Research, University of Jordan).
- 2015** 21. How does genetic polymorphism of *CYP2D6* and *CYP 1A2* affect the pharmacokinetic of paroxetine among healthy population (Deanship of Academic Research, University of Jordan, 24000JD).
- 2015** 22. Distribution of MTHFR genetic polymorphism between colorectal cancer and healthy individuals (Deanship of Academic Research, University of Jordan, 3000JD).
- 2015** 23. Genetic polymorphism of MDR1 gene and breast, colorectal and lung cancers among Jordanian patients (Deanship of Academic Research, University of Jordan, 5000JD).
- 2016** 24. IL10 pharmacogenomics and interaction with CYP450 in relation to Tacrolimus level in kidney transplant patients (Deanship of Academic Research, University of Jordan, 5000JD)
- 2017** 25. Genetic polymorphism of MTHFR and toxicity of high dose methotrexate in pediatric acute lymphoblastic leukemia (Deanship of Academic Research, University of Jordan, 1500JD, Rand Farhad)
- 2017** 26. Genetic polymorphism of DHFR 19 bp del/ins and toxicity of high dose methotrexate in pediatric acute lymphoblastic leukemia (Deanship of Academic Research, University of Jordan, 1500JD, Dania Shamaseen)
- 2017** 27. Genetic polymorphism of Thymidylate Synthase and toxicity of high dose methotrexate in pediatric acute lymphoblastic leukemia (Deanship of Academic Research, University of Jordan, 1500JD, Abrar ALSheikh)

- 2018** 28. Genetic polymorphism of ABCB1 T2677A (rs2032582) and SCN1 A3184C (rs2298771) and resistance to anti-epileptics in Jordan (Deanship of Academic Research, University of Jordan, 1500JD, Ramzi Mekred)
- 2018** 29. Genetic polymorphism of MDR1 C3435T (rs3812718) and resistance to anti-epileptics in Jordan (Deanship of Academic Research, University of Jordan, 1500JD, Rami)
- 2019** 30. Genetic polymorphism of ABCB1 3435 and 1236 and resistance to anti epileptic medications (Deanship of academic research 1500 JD, Dua'a Tamimi)
- 2023** 31. Genetic polymorphism of NAC1 and epilepsy (Deanship of academic research 20,000 JD)

Awards

1. King Abdullah II Design and Development fund for best research of the year, 2013.

Publications

1. **Yousef AM**, Davis RA, Sticca RP, Berger SH. Structural analysis of cDNA encoding thymidylate synthesis in hepatic metastases of human colorectal tumors. *International Journal of Colorectal Disease*. 2001 Sep; 16(5): 318-25.
2. Al-Bakri AG, Bustanji Y, **Yousef AM**. Community consumption of antibacterial drugs within the Jordanian population: sources, patterns and appropriateness. *International Journal of Antimicrobial Agents*. 2005 Nov; 26(5):389-95.
3. Brittnaie J Bell, **AM Yousef**, Lukasz Lebioda, Sondra Berger. Effects of serine substitution on the function and structure of human thymidylate synthase. *Proceedings of the American Association for Cancer Research* 2005: 979
4. Bustangi Y, Taha M, **Yousef AM**, Bakri AG. Berberine potently inhibits protein tyrosine phosphatase 1B: investigation by docking simulation and experimental validation. *Journal of Enzyme Inhibition and Medicinal chemistry*. 2006 Apr;21(2):163-71.
5. Aburuz S, Bulatova NR, **Yousef AM**. Validation of comprehensive treatment related problems assessment and classification tool. *Pharmacy World and Science*. 2006 Aug; 28(4):222-32. Epub 2006 Oct 26. (doi: 10.1007/s11096-006-9048-0)
6. Bulatova NR, **Yousef AM**, Aburuz SM. Antiplatelet therapy for primary and secondary prevention in Jordanian patients with diabetes mellitus. *Thrombosis Research*. 2007; 121(1):43-50. Epub 2007 Apr 25.
7. Bulatova NR, Aburuz S, **Yousef AM**. An Innovative Pharmaceutical Care Practical Course. *Advanced of Health Science Education Theory Practice*. 2007 May; 12(2):211-22. Epub 2006 Oct 14. (doi: 10.1007/s10459-006-0001-8)
8. Taha MO, Bustanji Y, Al-Bakri AG, **Yousef AM**, Zalloum WA, Al-Masri IM, Atallah N. Discovery of new potent human protein tyrosine phosphatase inhibitors

- via pharmacophore and QSAR analysis followed by in silico screening. *Journal of Molecular Graphical Model*. 2007 Mar;25(6):870-84. Epub 2006 Sep 3.
9. **Yousef AM**, Bulatova N, AbuRuz S. Management of Coronary Artery Disease in Jordan? Cross-Sectional Comparative Study. *Jordan Journal of Pharmaceutical Sciences*. 2008 Jan; 1(1): 28-39.
 10. **Yousef AM**, Al-Bakri AG, Bustanji Y, Wazaify M. Self-medication patterns in Amman, Jordan. *Pharmacy World and Science*. 2008 Jan; 30(1):24-30. Epub 2007 Jun 12.
 11. **Yousef AM**, Arafat T, Bulatova N, Zmeili R. Smoking Behavior Modulates Pharmacokinetics Of Orally Administered Clopidogrel. *Journal of Clinical Pharmacy and Therapeutics*. 2008 Aug; 33(4): 439-49.
 12. Akl KF, Bulatova N, **Yousef AM**. Recurrent ecchymoses after acute tacrolimus intoxication. *Pediatric Nephrology*. 2008 Nov; 23(11):2101. Epub 2008 Jun 12.
 13. Albsoul-Younes A, Wazify M, **Yousef AM**, Tahaineh L. Abuse and misuse of prescription and non-prescription sold in community pharmacy in Jordan. *Substance Use and Misuse*. 2010, 45(9): 1319-29.
 14. Luo B, Repalli J, **Yousef AM**, Johnson SR, Lebioda L, Berger SH. Human thymidylate synthase with loop 181-197 stabilized in an inactive conformation: ligand interactions, phosphorylation, and inhibition profiles. *Protein Science*. 2011Jan; 20(1):87-94. doi: 10.1002/pro.539.
 15. Bulatova N, **Yousef AM**, Al-Khayyat G, Qosa H. Adverse effects of tacrolimus in renal transplant patients from living donors. *Current Drug Safety*. 2011 Feb 1; 6(1):3-11.
 16. Aburuz SM, Bulatova NR, **Yousef AM**, Al-Ghazawi MA, Alawwa IA, Al Saleh A. Comprehensive assessment of treatment related problems in hospitalized medicine patients in Jordan *International Journal of Clinical Pharmacy*. 2011 Jun; 33(3):501-11. doi: 10.1007/s11096-011-9497-y. Epub 2011 Mar 26.
 17. Abu-Samak M, **Yousef AM**, Al-Jarie A, Al-Matubsi HY, Abu-Zaiton A, Al-Quraan M, Khuzai R. Lipid and hematological parameters in hyperleptinemic healthy Arab male youth in Jordan. *Pakistan Journal of Biological Sciences*. 2011; 14(5):344-50.
 18. Abla Albsoul-Younes, Rabia Al-Jabra, Almotesssem Yousef. The influence of genetic CYP3A5 polymorphism on tacrolimus serum concentration in liver transplant patients. *Journal of Clinical Pharmacology* 2011. 51(9): 1345
 19. Naffa RG, Awidi AS, **Yousef AM**, Ismail SI. CYP1A1, glutathione S-transferase gene polymorphisms and risk of Polycythemia vera. *Cancer Epidemiology*. 2012 Feb; 36(1):68-72. doi: 10.1016/j.canep.2011.05.001. Epub 2011 Oct 21.

20. Ghadeer A. R. Y. Suaifan, Mayadah Shehadeh, Dana A. Darwish, Hebah Al-Ijel, **Al-Motassem M. Yousef**, Rula M. Darwish. A cross-sectional study on knowledge, attitude and behavior related to antibiotic use and resistance among medical and non-medical university students in Jordan. *African Journal of Pharmacy and Pharmacology*. 2012 March; 6(10): 763-70
21. Hakooz N, Alzubiedi S, **Yousef AM**, Arafat T, Dajani R, Ababneh N, Ismail S. UDP-glucuronosyltransferase 1A4 (UGT1A4) polymorphisms in a Jordanian population. *Molecular Biology Reports*. 2012 Jul; 39(7):7763-8. doi: 10.1007/s11033-012-1615-y. Epub 2012 Feb 25.
22. Bulatova N, **Yousef AM**, Qusa H, Khayat GA, Ailabouni W, Wahbeh A, Al-Ulemat M. Management of hypertension and factors affecting its control in Jordanian renal transplant recipients. *International Journal of Clinical Pharmacy*. 2012 Jun; 34(3):439-44. doi: 10.1007/s11096-012-9626-2. Epub 2012 Apr 3.
23. **Yousef AM**, Bulatova NR, Newman W, Hakooz N, Ismail S, Qusa H, Zahran F, Anwar Ababneh N, Hasan F, Zaloom I, Khayat G, Al-Zmili R, Naffa R, Al-Diab O. Allele and genotype frequencies of the polymorphic cytochrome P450 genes (CYP1A1, CYP3A4, CYP3A5, CYP2C9 and CYP2C19) in the Jordanian population. *Molecular Biology Reports*. 2012 Oct; 39(10):9423-33. doi: 10.1007/s11033-012-1807-5. Epub 2012 Jun 22.
24. Tayyem RF, Zalloum HM, Elmaghrabi MR, **Yousef AM**, Mubarak MS. Ligand-based designing, in silico screening, and biological evaluation of new potent fructose-1,6-bisphosphatase (FBPase) inhibitors. *European Journal of Medicinal Chemistry*. 2012 Oct; 56:70-95. doi: 10.1016/j.ejmech.2012.08.004.
25. Dajani R, Arafat A, Hakooz N, Al-Abbadi Z, **Yousef AM**, El Khateeb M, Quadan F. Polymorphisms in Factor II and Factor V thrombophilia genes among Circassians in Jordan. *Journal of Thrombosis and Thrombolysis*. 2013 Jan; 35(1):83-9. doi: 10.1007/s11239-012-0772-0.
26. **Yousef AM**, Diab O, Arafat T, Khribash A, Saleh A, and Al-Hroub H. Pharmacokinetics of 600 mg loading dose of clopidogrel in patients undergoing percutaneous coronary intervention. *African Journal of Pharmacy & Pharmacology*. 2013 March; 7(11): 574-84.
27. **Yousef AM**, Melhem M, Xue B, Arafat T, Reynolds DK, Van Wart SA. Population pharmacokinetic analysis of clopidogrel in healthy Jordanian subjects with emphasis optimal sampling strategy. *Biopharmaceutics and Drug Disposition*. 2013 May; 34(4):215-26. doi: 10.1002/bdd.1839. Epub 2013 Apr 29.
28. Zayed A, Shahait A, Ayoub M, **Yousef AM**. Smokers' hair: Does smoking cause premature hair graying. *Indian Dermatology Online Journal*. 2013; 4(2): 90-2.
29. **Yousef AM**, Shomaf M, Berger S, Ababneh N, Bobali Y, Ali D, Al-Hasan S, Diab O, Ismail S. Allele and genotype frequency of the polymorphic methylenetetrahydrofolate reductase and colorectal cancer among Jordanian population. *Asian Pacific Journal of Cancer Prevention*. 2013; 14(8): 4559-65.

30. Dajani R, Fathallah R, Arafat A, Abdulqader ME, Hakooz N, **Al-Motassem Y**, El-Khateeb M. Prevalence of MTHFR C677T Single Nucleotide Polymorphism in Genetically Isolated Populations in Jordan. *Biochemical Genetics*. 2013; 51(9-10): 780-8. doi: 10.1007/s10528-013-9606-9. Epub 2013 Jun 8
31. Bulatova N, **Yousef AM**, AbuRuz S, Abu Farha R. Hypertension Management and Factors Associated with Blood Pressure Control in Jordanian Patients Attending Cardiology Clinic. *Tropical Journal of Pharmaceutical Research*. 2013; 12(5): 827-33.
32. Ismail SI, Naffa RG, **Yousef AM**, Ghanim MT. Incidence of bcr-abl fusion transcripts in healthy individuals. *Molecular Medicine Reports*. 2014 Apr;9(4):1271-6. doi: 10.3892/mmr.2014.1951. Epub 2014 Feb 13. PubMed PMID: 24535287.
33. Zayed AA, Mustafa Ali MK, Al-Ani MA, Momani MS, **Yousef AM**. The prevalence of isolated growth hormone deficiency among children of short stature in Jordan and its relationship with consanguinity. *Clinical Endocrinology (Oxf)*. 2014 Dec; 81(6): 876-82. doi: 10.1111/cen.12510.
34. Eman Elayeh, Amal Akour, **Al-Motassem Yousef**, Doa'a Farah, Majd Hamaly, Iman Bashedi. Osteoporosis amongst Jordanians: Effect of pharmacist-directed brochure education on people knowledge. *Tropical Journal of Pharmaceutical Research*. 2014; 13 (12): 2101-2108.
35. **Al-Motassem Yousef**, Maha Shomaf, Said Ismail, Sondra Berger, Nidaa Ababneh, Ola Diab, Nathir Obeidat, Abdallah Awidi . Allele and Genotype Frequencies of the Polymorphic Methylenetetrahydrofolate Reductase and Lung Cancer among Jordanian Population: Cases Control Study. *Asian Pacific Journal of Cancer Prevention* 2015; 16 (8), 3101-3109
36. Maha Shomaf, **Yousef Al-Motassem**, Yahya Bobali. Cyclooxygenase-2 (COX2) gene polymorphisms and the risk of sporadic colorectal cancer and polyps among Jordanian population. *Turkish Journal of Gastroenterology* 2015; 26: 154-8
37. Ola Diab, Tawfiq Arafat, **Al-Motassem Yousef**. "Effect of Smoking on Pharmacokinetics of Clopidogrel, an Antiplatelet Drug". *Tropical Journal of Pharmaceutical Research* 2015; 14 (4): 693-700.
38. Ola Al-Diab, **Al-Motassem Yousef**, Nailya R. Bulatova , Enas Al Manassrah, Ahmad Masadeh, Muhammed Olemat , Hisham Qosa , Athar Kherbash. Genotype and haplotype analysis of ABCB1 at 1236, 2677 and 3435 among Jordanian Population. *Tropical Journal of Pharmaceutical Research* 2015; **14(6):1013-1019**
39. Nemah Awwad, **Al-Motassem Yousef**, Ali Abuhaliema, Ihab Abdalla, Muhammad Yousef . The relationship between genetic polymorphism in MTHFR (C677T, A1298C and their haplotypes) and the incidence of breast cancer among Jordanian patients. Case-control study. *Asian Pacific Journal of Cancer Prevention* 2015; 16(12):5007-11.

40. D Jaber, N Bulatova, M Suyagh, **AM Yousef**, M Wazaify. Knowledge, attitude and opinion of drug misuse and abuse by pharmacy students: a cross-sectional study in Jordan. *Tropical Journal of Pharmaceutical Research* 2015; 14 (8), 1501-1508
41. Weam Al-Qassem, **Al-Motassem Yousef**, Muhammad Yousef, Ihab Manasrah, Thymidylate Synthase Polymorphisms and risk of Lung Cancer among Jordanian Population: a Case Control Study. *Asian Pacific Journal of Cancer Prevention* 2016 (Jan 11th); 16 (18): 8287-8292.
42. Ayman A. Zayed, Mohammad A. Zmaili, Marwa M. Sabha, Mohannad M. Saleh, Moadh K. Mustafa Ali, Aref L. Zayed, Suleiman I. Al Ashi, **Al-Motassem Yousef** and Hussein D. Abdul-latif. Emerging Role of Serum IGF-I/IGFBP-3 Ratio in the Diagnosis of Children with Growth Hormone Deficiency. *Endocrine Reviews* April 2015, 36 (2): FRI-457 [Endocrine Society's 97th Annual Meeting and Expo, March 5–8, 2015 - San Diego <http://press.endocrine.org/doi/abs/10.1210/endo-meetings.2015.NP.5.FRI-457#sthash.W8OGrPll.dpuf>]
43. Bara'a M. Qaqish, Osama Al-Dalahmah, **Yousef Al-Motassem**, Abdelkader Battah, Said S. Ismail. Occupational exposure to pesticides and occurrence of the chromosomal translocation t(14;18) among farmers in Jordan. *Toxicology Reports* 2016; 3: 225–229
44. Ali M. Abuhaliema, **Al-Motassem F. Yousef**, Nirmeen N. El-Madany, Nailya R. Bulatova, Nemah M. Awwad, Muhammed A. Yousef, Khalil Z. El-Majdalawi, Influence of genotype and haplotype of *MDR1* (*C3435T*, *G2677A/T*, *C1236T*) on the incidence of breast cancer. Case-control study. *Asian Pacific Journal of Cancer Prevention* 2016; 17(1): 261-266 [10.7314/APJCP.2016.17.1.261]
45. **Al-Motassem Yousef**, Hisham Qosa, Nailya Bulatova, Ali Abuhaliema, Hussein Almadhoun, Ghada Khayyat, Muhammad Olemat, Effects of genetic polymorphism in *CYP3A4* and *CYP3A5* genes on the dose requirements of tacrolimus among kidney transplant recipients. *Iranian journal of kidney disease* 2016; 10 (3): 156-63
46. Iman Imrani, Nailya Bulatova, Abdallah Awidi, **Al-Motassem Yousef**, Jamal Almasad, Mahmoud Al-Masri, Laila Abu Tahoun. Lack of Association between *CYP1A1* M2 and M4 Polymorphisms and Breast Carcinoma in Jordanian Women: A Case-Control Study. *Asian Pacific Journal of Cancer Prevention* 2016; 17(1): 387-393 [10.7314/APJCP.2016.17.1.387]
47. Ali Almuqdadi, Nailya Bulatova, **Al-Motassem Yousef**. The effect of atypical antipsychotics on platelet aggregation. *Open Journal of Hematology* 2016 March; 7-1 DOI:10.13055/ojhmt_7_1_1.160323
48. Shomaf M, **Yousef A**, Masad J, Sahawneh M, Halawa A. C-kit (CD117) Expression Is Not Valuable to Predict Prognosis in Invasive ductal carcinoma of Breast. *Journal of Interdisciplinary Histopathology* 2016; 4(1): 1-28. Online First: 03 Apr, 2016; 4(3): 63-66. doi:10.5455/jihp.20160328113716

49. Ali Almuqdad, **Al-Motassem Yousef**, Zeina Masoud, Khalil Majdalawi, Hanadi Al-hadeed, Reem Kalabani. An Innovative Teaching Strategy for the Outpatient Clerkship Program at Jordan University Hospital A Comprehensive Approach to Faculty Development Program. *Indian Journal of Pharmaceutical Education and Research*, 2016; 50(2):215-224 [doi:10.5530/ijper.50.2.1]
50. Abdulrahman M. Al-Shudifat Khaled R. Al-Zaben, Ibraheem Y. Qudaisat, Aboud N. Alja'bari, Omar A. Ababneh, **Al-Motassem M. Yousef**. The effects of caudal or intravenous dexmedetomidine on postoperative analgesia produced by caudal bupivacaine in children: a randomized controlled double-blinded study. *Journal of Clinical Anesthesia* 2016; 33: 386-394. DOI: [10.1016/j.jclinane.2016.04.049](https://doi.org/10.1016/j.jclinane.2016.04.049)
51. Zayed AA, Beano AM, Amer FN, Maslamani JM, Zmaili MA, Al-Khudary TH, **Yousef AF**. SERUM LEVELS OF CARCINOEMBRYONIC ANTIGEN (CEA) IN PATIENTS WITH TYPE 2 DIABETES. *Endocr Pract.* 2016 Aug 2. [Epub ahead of print] PubMed PMID: 27482614. DOI: [10.4158/EP161221.OR](https://doi.org/10.4158/EP161221.OR)
52. ALbaramki, Jumana; Al-lawama, Manar; **Al-Motassem, Yousef**. Toilet Training and influencing factors that affect initiation and duration of training: A cross sectional study. *Iranian Journal of Pediatrics.* 2017 ;27(3):e9656. doi: 10.5812/ijp.9656
53. Ali Almuqdad, **Al-Motassem Yousef**, Khalil Majdalawi, Zeina Masoud, Reem Kalabani, Hanadi Al-Hadeed. Validation and Evaluation of an OSCE in Undergraduate Doctor of Pharmacy Program. *Indian Journal of Pharmaceutical Education and Research.* 2017; 51 (3): 380-387. DOI: 10.5530/ijper.51.3.64
54. Beano AM, Zmaili MA, Gheith ZH, Naser AM, Momani MS, **Yousef AMF**, Zayed AA. Predetermined Anti-Diabetic Drug Regimen Adjustments during Ramadan Fasting: An Observational Study of Safety. *Endocrinol Metab (Seoul).* 2017 Jun;32(2):265-273. doi: 10.3803/EnM.2017.32.2.265. PubMed PMID: 28685515; PubMed Central PMCID:PMC5503872.
55. Shafagoj YA, Naffa RG, El-Khateeb MS, Abdulla YL, Al-Qaddoumi AA, Khatib FA, **Al-Motassem YF**, Al-Khateeb EM. APOE Gene polymorphism among Jordanian Alzheimer`s patients with relation to lipid profile. *Neurosciences (Riyadh).* 2018 Jan;23(1):29-34. doi: 10.17712/nsj.2018.1.20170169. PubMed PMID: 29455218.
56. Alsous M, **Yousef AM**, Abdel Jalil M, 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 Pac J Cancer Prev.* 2018 Jan 27;19(1):199-205. PubMed PMID: 29373914; PubMed Central PMCID: PMC5844618.
57. Bulatova N, Kasabri V, Qotineh A, Al-Athami T, **Yousef AM**, AbuRuz S, Momani M, Zayed A. Effect of metformin combined with lifestyle modification versus lifestyle modification alone on proinflammatory-oxidative status in drug-naïve pre-diabetic and diabetic patients: A randomized controlled study. *Diabetes Metab Syndr.* 2018 May;12(3):257-267. doi: 10.1016/j.dsx.2017.11.003. Epub 2017 Nov 23. PubMed PMID: 29221717

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59. Zawiah, Mohammed; **Yousef, Al-Motasseem**; Kadi, Taha; Yousef, Mohammed; Majdalawi, Khalil ;Al-Yacoub, Shorouq; Al-Hiary, Rasha; Tantawi, Dua'a; Mukred, Ramzi; Ajaj, Abdel Rahman. Early Disease Relapse in a Patient with Colorectal Cancer after Treatment with 5-Fluorouracil-Based Chemotherapy Who Harbors Genetic Variants in DPYD, TYMS, MTHFR, and DHFR. *Journal Drug Metabolism and Personalized Therapy*. 2018 Dec 25; 33 (4)
60. **Yousef AM**, Farhad R, Alshamaseen D, Alsheikh A, Zawiah M, Kadi T. Folate pathway genetic polymorphisms modulate methotrexate-induced toxicity in childhood acute lymphoblastic leukemia. *Cancer Chemother Pharmacol*. 2019 Jan 25. doi: 10.1007/s00280-019-03776-8. [Epub ahead of print] PubMed PMID: 30684021.
61. Akour A, Kasabri V, Bulatova N, **Al-Motasseem Y**, Fahmawi H, Momani M, Zayed A, Alquoqa R, AlHawari H. Urinary megalin in association with progression factors of diabetic nephropathy. *Bratislava Medical Journal* 2019; 120 (7): 537-540. DOI: 10.4149/BLL_2019_086
62. Elayeh, Eman; Abu-rish, Eman; **Yousef, Al-Moutassem**. **Effect of Dividing Low Dose Aspirin on Platelet Reactivity and the Correlation with Patient-related Factors**. *Jordan Journal of Pharmaceutical Sciences* 2020; 13 (2)
63. Kasabri, Violet; Akour, Amal; Bulatova, Nailya; Suyagh, Maysa; **Yousef, Al Motasseem**; Al Hawari, Hussein; Al Shelleh, Sameeha; Bzour, Jameel; Fahmawi, Hiba; **A Pre-Post Study of Vitamin D Supplements effects on Urinary megalin: The emerging predictive role of megalin in diabetic nephropathy progression**. *Endocrine, Metabolic & Immune Disorders Drug Targets* 2020
64. Zawiah, Mohammed; **Yousef, Al-Motasseem**; Khan, Amer Hayat; AL-Ashwal, Fahmi Y; Matar, Amal; ALKhawaldeh, Batool; Nassar, Rand; Abduljabbar, Rami; Abdo Ahmed, Abdullah Abdulmajid; **Food-drug interactions: Knowledge among pharmacists in Jordan**. *Plos one* 2020; 15 (6): e0234779
65. Abrar Al-Sheikh, **Al-Motasseem Yousef**, Daniah Alshamaseen & Rand Farhad. **Effects of thymidylate synthase polymorphisms on toxicities associated with high-dose methotrexate in childhood acute lymphoblastic**. leukemia. *Cancer Chemotherapy and Pharmacology* March 2021, 87: 379–385.
66. Zawiah M, **Yousef AM**, Al-Ashwal FY, Abduljabbar R, Al-Jamei S, Hayat Khan A, Alkhawaldeh B. Pharmacogenetics: a perspective and preparedness of Pharm-D and medical students in Jordan. *Pharmacogenet Genomics*. 2021 Aug 1;31(6):125-132. doi: 10.1097/FPC.0000000000000430.

67. Duaa Eid Tamimi, Rami Abduljabbar, **Al-Motassem Yousef**, Ramzi Mukred Saeed, Mohammed Zawiah. Association between ABCB1 polymorphisms and response to antiepileptic drugs among Jordanian epileptic patients. *Neurol Res.* 2021 Sep;43(9):724-735. doi: 10.1080/01616412.2021.1922182. Epub 2021 May 5.
68. Bara'ah Khaleel, **Al-Motassem Yousef**, Mazhar Salim Al-Zoubi, Muhammad Al-Ulemat, Ahmad A. Masadeh, Ali Abuhaliema, Khalid M. Al-Batayneh, and Bahaa Al-Trad1. Impact of genetic polymorphisms at the promoter area of IL-10 gene on tacrolimus level in Jordanian renal transplantation recipients. *J Med Biochem.* 2022 Jul 29; 41(3): 327-334. Published online 2022 Jul 29. doi: 10.5937/jomb0-33343
69. Rami Abduljabbar, Duaa Eid Tamimi, **Al-Motassem Yousef**. The potential implication of MDR1 and NAC1 genetic polymorphisms on resistance to antiepileptic drugs among a Jordanian epileptic population: a cross-sectional study. *Ann Hum Biol.* 2023 Feb;50(1):82-93. doi: 10.1080/03014460.2023.2173291.
70. Rami Abduljabbar, Tamimi Duaa Eid, **Al-Motassem Yousef**, Saeed Ramzi Mukred, Mohammed Zawiah 1. SCN1A polymorphisms influence the antiepileptic drugs responsiveness in Jordanian epileptic patients. *J Med Biochem.* 2023 Mar 15;42(2):214-223. doi: 10.5937/jomb0-34544.
71. Alhawamdeh, E., Bulatova, N. R., **Al Motassem, F. Y.**, AlAbbadi, M. A., & Omer, E. A. (2023). A Cross-sectional Study of the Catalase Genetic Polymorphism (-262 cytosine/thymine) and Blood Catalase Activity among Jordanian Vitiligo Patients. *Jordan Journal of Pharmaceutical Sciences*, 330-344.
72. AMAL AKOUR; Violet Kasabri; Nailya Bulatova; Al-Motassem Yousef; Hiba Fahmawi; Reem Alquqa; Munther Momani; Ayman Zayed; Hussam Alhawari. Urinary megalin as a potential marker for diabetic nephropathy: correlation with vitamin D levels. (submitted)
73. Ola Al-Diab, **Al-Motassem Yousef** , Muna Barakat , Randa G. Naffa, Abdalla S. Awidi, Said I. Ismail , Iman Amrani, Nailya R. Bulatova. 6-CYP1A1 haplotype frequencies among Jordanian population.(submitted)

Supervision: M.Sc. Projects

1. **Qussa, Hisham.** Genetic Polymorphisms Of The CYP3A4 And CYP3A5 Genes And Their Impacts On Effectiveness Of Tacrolimus Among Jordanian Population 2007.
2. **Khayyat, Ghada.** The Impact Of Donors' Genotype of CYP3A5 on Tacrolimus Pharmacokinetics among Kidney Transplant Patients In Jordanian Population 2008.
3. **Manasra, Enas.** The effect of genetic polymorphism in the MDR1 gene on the cyclosporine concentration in Jordanian renal transplant patients 2008.
4. **Abadi, Rabee'a.** The influence of genetic polymorphism of CYP 3A5 (1*3*6) on Tacrolimus serum concentration among liver transplant 2009.
5. **Diab, Ola.** Influence of genetic polymorphism of ABCB-1 gene at position 3435 on 600mg Clopidogrel Pharmacokinetics as measured by serum level of Carboxylic acid metabolite 2009
6. **Zahran, Farah.** The Effect of Genetic Polymorphism of VKORC1 on Warfarin Dose Requirements Among Jordanian Patients at Jordan University Hospital 2010.
7. **Zmeili, Rawan.** The effect of genetic polymorphism of CYP3A5 on the clopidogrel carboxylate pharmacokinetics 2010.
8. **Khirbash, Athar.** Influence of genetic polymorphism of MDR1 at position 1236 on 600 mg clopidogrel pharmacokinetics as measured by serum level of carboxylic acid metabolite 2010.
9. **Ulemat, Mohammad.** Impact of genetic polymorphism of ABCB1 (MDR1) G2677T/A in kidney donors on Tacrolimus level in Jordanian kidney transplant recipients 2010.
10. **Borno, Sawsan.** Evaluation of factors predictive for quality of coronary artery disease in patients undergoing percutaneous coronary angiography (PCA) 2010.
11. **Hasan, Farah.** The effect of genetic polymorphism of CYP2C2 at position (430) on warfarin dose requirements among Jordanian patient at JUH 2010.
12. **Yusuf, Amina.** Genetic polymorphism of vitamin D receptor at RS7975232 and prevalence of asthma among Jordanians: a case-control study 2011.
13. **Masaidah, Ahmad.** Impact of genetic polymorphism of ABCB1 (MDR1) 2677G>T-A in kidney donors on Tacrolimus level in Jordanian kidney transplant Recipients During The Early Post Transplantation Period 2011.
14. **Madhoun, Hussein.** Genetic polymorphism of NPPA gene at RS 5065 and prevalence of asthma among Jordanians :case control study 2011.

15. **Daghash, Raja'a.** Genetic polymorphism of NPPA gene at RS 5065 and prevalence of asthma among Jordanians :case control study 2011.
16. **Daqqaq, Ali.** Association between the polymorphism of DENND1B gene at rs2786098 on asthma susceptibility among adult Jordanians 2012.
17. **Alfayoumi, Moyad.** Attention Deficit-Hyperactivity Disorder In School-Aged Children in Jordan, Prevalence and Effect of Clinical Pharmacist On teachers Knowledge RCT 2012 .
18. **Abd al-wahab Ghada.** Appropriateness of the preparation and administration of intravenous medication in the intensive care units at Jordan University Hospital 2012.
19. **Abd al-al Leena.** Role of clinical pharmacist's intervention in the management of metabolic manifestations in patients with advanced Chronic Kidney Disease (CKD) 2012.
20. **Abu Nema Hanan.** Variability of response to ticagrelor among Jordanian Diabetic and non-diabetics using ADP as a model agonist (ex-vivo study). 2013
21. **Daghash Ayah.** Variability in response to Tirofiban among Jordanian Diabetic and non-diabetics using TRAP as a model agonist (ex-vivo study). 2013
22. **Al-Absi Ghadeer.** The influence of smoking on the antiplatelet effect of aspirin among diabetics: Case control study. 2013
23. **Haddadin Ruba.** Cross sectional evaluation of antibiotics use within the intensive care units at the University of Jordan Hospital. 2014
24. **Mousa Yousef.** Anti-neoplastic Platinum Compounds-induced Ototoxicity and Genetic Polymorphism of GSTP1 among Jordanian Cancer Patients: Case Control Study. 2014
25. **Matarneh Mohammad.** Variability in Response to Antiplatelet Activity of Ticagrelor among Jordanian Patients with Acute Coronary Syndrome: Cross-Sectional Observational Study. 2014
26. **Ala'a Abu Odeh.** Genetic polymorphism of TNF alpha and susceptibility to vitiligo, case control study. 2014
27. **Khalil Majdalawi.** Genetic polymorphism of 6bp deletion/insertion in the 3'UTR of the gene thymidylate synthase and response to 5FU-based chemotherapy in Jordanians with colorectal cancer. 2014
28. **Ihab Manasreh.** Genetic polymorphism of MTHFR at position 677 and susceptibility of lung cancer among Jordanians: case control study. 2014

29. **Weam Qassem.** Genetic polymorphism of 6bp deletion/insertion in the 3'UTR of the gene thymidylate synthase and susceptibility of lung cancer among Jordanians: case control study. 2014
30. **Ali Abu Haliema.** Genetic polymorphism MDR1 at 3435 position and susceptibility to breast cancer among Jordanians patients: case control study. 2015
31. **Nemah Awwad.** Genetic polymorphism MTHFR at 677 position and susceptibility to breast cancer among Jordanians patients: case control study. 2015
32. **Mohammad Yousef.** Genetic polymorphism of 28bp tandem repeats in the 5'UTR of the gene thymidylate synthase and response to 5FU-based chemotherapy in Jordanians with colorectal cancer. 2015
33. **Shorouq Yacob.** Genetic polymorphism MTHFR at 677 position and response to 5FU/capsitapine in colorectal cancer among Jordanians patients.
34. **Ethar Adel Omer.** The association of the genetic polymorphism of catalase gene (-262cytosine>thymine) with the susceptibility to vitiligo among Jordanians.2015
35. **Yasmin Jaber,** analysis of platelet function for patients who are being treated with alpha antagonist by using TRAP agonist.2016
36. **Habiba Khtab,** analysis of platelet function for patients who are being treated with alpha antagonist by using ADP agonist.2016
37. **Muhammad Zawya,** Genetic polymorphism in *dpyd m166v (rs2297595)*, and response to 5 fluorouracil and capecitabine based chemotherapy in jordanian patients with colorectal cancer, 2016
38. **Doaa Tantawe,** Genetic polymorphism in Dihydrofolate reductase gene DHFR 19-bp deletion (rs70991108) and response to 5FU-based chemotherapy in patients with colorectal, May 12th, 2016
39. **Taha Hussein,** Genetic polymorphism in DPYD 85 T>C (rs1801265) and response to 5-fluorouracil and capecitabine in patients with colorectal cancer among Jordanian population ,2016
40. **Afnan Abdallh,** Assessment of the importance and effect of clinical pharmacist counseling and education on diabetic foot care knowledge and behavior in patients who are at moderate to high risk
41. **Hanguin Ramadani,** Chemotherapy-induced toxicity and its relation to two polymorphisms in the Dihydropyrimidine Dehydrogenase gene
42. **Rand Farhad,** MTHFR genetic polymorphism and side effects of high dose MTX in pediatric patients with acute lymphoblastic leukemia. December 20th, 2017
43. **Diana Shamaseen,** DHFR genetic polymorphism and side effects of high dose MTX in pediatric patients with acute lymphoblastic leukemia

44. **Abrar Al-Sheikh**, TS genetic polymorphism and side effects of high dose MTX in pediatric patients with acute lymphoblastic leukemia. July 30th 2018
45. **Ramzi Mekrid**, Genetic polymorphism of ABCB1 T2677A (rs2032582) and SCN1 A3184C (rs2298771) and resistance to anti-epileptics in Jordan
46. **Rami Abdel Majeed**, Genetic polymorphism of MDR1 C3435T (rs3812718) and resistance to anti-epileptics in Jordan
47. **Dua'a Al-Tamimi**, Association Of Genetic Polymorphisms In ABCB1 C1236T (Rs1128503) And ABCB1 C3435T (Rs1045642) Genes With Resistance To Antiepileptic Drugs (AEDs) Among Jordanian Epileptic Patient

A member in the MSc/PhD examination committees

1. Development of novel oral dosage form using cubic liquid crystal delivery system 2000.
2. The impact of patient education about warfarin on improvement of their basal knowledge regarding its administration and side effects a study on patient who receive warfarin at Jordan university hospital. Mervat Al-Sous, Prof. Naila Boulatova, 2007.
3. Management of dyslipidemia in adult diabetic and non diabetic patient in Jordan. Lamya Ibraheem Hamzeh, Naila Boulatova, 2007.
4. Screening for vitamin K epoxide reductase complex 1 (VKORC1) mutation in Jordanian patient with warfarin resistance. Hadeel Mansour Yacoub, Dr. said Jaradat, 2010.
5. Warfarin dosing and VKORC1 haplotypes in Jordanian patients. Ala'a Mahmoud AlBdour 2011.
6. Evaluation of vitamin B12 effects on DNA damage induced by pioglitazone. Noor Hussain, Prof. Karem AlZoubi, 2011.
7. The effect of high fat diet, psychosocial stress and vitamin c on liver in rat: Biochemical and histological study. Kamelia Ahmad, Prof. Karem AlZoubi 2012
8. The effect of smoking on the activity of the antiplatelet agent tirofiban among Jordanian using TRAP as an agonist. Case control study. Dana Jarrar, Prof. Naila Boulatova, 2013
9. The effect of smoking on the activity of the antiplatelet agent tirofiban among Jordanian using ADP as an agonist. Case control study. Reham Dudein, Prof. Naila Boulatova, 2013
10. The in vitro effect of antipsychotic on platelet aggregation. Ali Meqdadi, Prof. Naila Boulatova, 2014
11. A study of the impact of clinical pharmacists intervention on reducing intravenous medication preparation and administration error and the development of pharmacist intravenous admixture services in neonatal intensive unit at the Jordan University Hospital. Amer Murtaja, Prof. AblalBoul, 2014
12. Evaluation of venous thromboembolism (VTE) prophylaxis in the Jordan university hospital, appropriateness and cost effectiveness, and the role of the clinical pharmacist in appropriate VTE prophylaxis. Lubna Garaibeh, Prof. AblalBoul, 2014

13. Evaluating the compliance of anti-platelet drugs after primary percutaneous coronary intervention and how to effect it. Haneen Tawfiq Al-Moqbel
14. Hypoglycemia fear among diabetics and their treating physicians. Shallya Othman, Prof. Abla AlBsoul, 2014.
15. The study of correlation between serum levels of oxytocin , fibroblastgrowth factor-2, and hepatocyte growth factor in type 2 diabetes mellitus patients with metabolic syndrome in Jordan: a cross sectional study. Khaled Al-Musa, Dr. Violet Kasabri, 2015
16. Genetic Polymorphism of CYP11b2 gene and their effect on the clinical outcomes of Angiotensin receptor blockers (ARBs)-treated hypertension patients. Faten Younes, Prof. Karem AlZoubi, Dec 12th, 2015-JUST
17. Evaluation of the effect of l-carnitine on learning and memory impairment induced by sleep deprivation in rats. Amany Ali Ahmad Al-Eweisi, Prof. Karem AlZoubi, Nov 15th,2015-JUST
18. ESBL Ecoli. prevalence. Sayedah, Prof. Amal AlBakri+Prof. Abla Albsoul+Dr. Fares AlBakri, 2017
19. Cerebrolysin and post traumatic stress syndrome. Ala'a Mohammad Al-Ebeini, Professor Karem Al-Zubi, Jan 4th, 2018
20. A cross sectional study of ghrelin and zinc finger BED domain conining 3 plasma levels and their correlations with a set of set of clinical parameters in normoglycemic and hyperglycemic patients with metabolic syndrome in Jordan. Rawan Abu Zeid, Professor Violet Kasabri June 28th, 2018

Conferences and Talks Attended

1. The 5th International Jordanian Psychiatric Conference, Jordan Association of Psychiatrists. Oct 25th-27th ,2018. Le Royal Hotel, Amman–Jordan.
2. 7th International Students Pharmacy federation (IPSF), Eastern Mediterranean Pharmaceutical Symposium (EMPS). July 15th- 18th, 2018. Le Grand Hotel, Amman, Jordan
3. The 6th International Pharmaceutical Conference ZTIPC. November 29th-30th, 2017. Al-Zaytoonah University of Jordan, Amman, Jordan
4. Antibiotics resistance and Zoonosis (2017). October 18th, 2017 Land Mark, Amman, Jordan.
5. The 10th conference of the Jordanian Association of Urological Surgeons. September,28th-30th, 2017, Grand Hyatt, Amman, Jordan

6. The 4th International Conference of the School of Pharmacy/The University of Jordan Excellence of Pharmacy Education and Research and The 2nd Conference of the Association of Schools of Pharmacy in Jordan: A quality Approach and (2016). October 25th-26th. Amman, Jordan
7. The 12th International Conference of the Jordan Cardiac Society (2015). April 8th-9th at Le Meridian Hotel, Amman, Jordan.
8. First scientific day of School of Pharmacy at Zarqa Private University. Pharmacy and Future Perspectives (**May, 2013**) Zarqa-Jordan.
9. Sixth scientific day of School of Pharmacy at Jordan University for Science and Technology. Clinical Pharmacy Education in Jordan. (**April, 2013**) Irbid, Jordan.
10. Scientific Day conference of School of Pharmacy and Medical Sciences at Petra Private University. Pharmacy Profession, Challenges and Ethics (**June, 2012**) Amman, Jordan.
11. The 3rd International Scientific Conference of School of Pharmacy at University of Jordan. Recent Developments in Pharmacy Profession (**Oct, 2012**). Amman Jordan.
12. The 6th International Conference of the Royal Medical Services (**2012**). Dead Sea, Jordan.
13. Workshop in Clinical Pharmacy, Jordanian Pharmaceutical Association (**December, 2011**) Amman, Jordan.
14. The 5th International Conference of the Royal Medical Services (**2010**). Dead Sea, Jordan.
15. The 2nd Scientific Day of School of Pharmacy at Isra'a Private University. The role of Clinical Pharmacist in Health Awareness and quality Control (**May, 2010**). Amman, Jordan.
16. The 4th International Conference of the Royal Medical Services (**2008**). Amman, Jordan.
17. The 1st Scientific Day of the American Association for Cancer Research (**2008**). Dead Sea, Jordan.
18. The 3rd International Conference of the Royal Medical Services in Collaboration with the Royal College of Physicians of London (**April 5th- 8th, 2006**). Amman, Jordan.
19. The 1st conference held by Scientific Research Organization in Jordan. (**2003**). Amman, Jordan.
20. The 9th international conference of oncology medicine.

21. The 2nd conference on advance in critical care medicine. King Hussein Cancer Center in collaboration with Middle East Society of Critical Care Medicine. October 21st-23rd at Le Royal, Amman, Jordan.

Conferences: Poster Presentations

1. Bara'a Khalila, Mazhar AL-Zoubia, **Al-Motassem Yousef**. Impact of -1082A>G Genetic Polymorphism at the Promoter of IL-10 Gene on Tacrolimus Level in Jordanian Renal Transplantation Recipients. The 4th International Conference of the School of Pharmacy/The University of Jordan Excellence of Cancer Education and Research and The 2nd Conference of the Association of Schools of Pharmacy in Jordan: A quality Approach and (2016). October 25th-26th. Amman, Jordan
2. Mohammed H. Zawiah, Taha H. Kadi, **Al-Motassem Yousef**. Genetic polymorphisms in DPYD M166V and C29R and response to Fluoropyrimidine based Chemotherapy among Colorectal Cancer Patients: Prospective Cohort Study. The 4th International Conference of the School of Pharmacy/The University of Jordan Excellence of Cancer Education and Research and The 2nd Conference of the Association of Schools of Pharmacy in Jordan: A quality Approach and (2016). October 25th-26th. Amman, Jordan
3. AbuRuz S, Bulatova N, **Yousef AM**, Al-Gazawi MA. Comprehensive prospective assessment for treatment related problems in hospitalized internal medicine patients. The 16th International Social Pharmacy Workshop conference (**August 2010**). Lisbon, Spain
4. **Yousef AM**, Bulatova N, Al-Sous M. The Value of Education in the Management of Warfarin Therapy. The 11th Scientific Congress of the Association of the Colleges of Pharmacy in the Arab World (**December 7th – 12th, 2007**). Tripoli, Libya.
5. Al- Bakri A, Bustanji Y, **Yousef AM**. Community antibacterial consumption in Jordan: Prudent use or Misuse and Abuse. 4th Arab Symposium for Antimicrobial Agents (**April 2006**). Tunis.
6. Bustanji Y, Taha M, **Yousef AM**, Al- Bakri A. Berberine Potently Inhibits Protein Tyrosine Phosphatase 1B: Investigation by Docking Simulation and Experimental Validation. The 9th International Pharmaceutical Sciences Conference and Exposition (**December 17th -21st, 2005**) Riyadh, Saudi Arabia.

Conference Podium Presentations

1. **Yousef AM.** Genetic Polymorphism of ABCB1 (C3435T, G2677A/T, C1236T)/ Haplotypes, the Risk of Breast Cancer Development and the Response to Adriamycin-based Chemotherapy among Breast Cancer Patients: Cohort and Nested Case-Control Stud. The 4th International Conference of the School of Pharmacy/The University of Jordan Excellence of Cancer Education and Research and The 2nd Conference of the Association of Schools of Pharmacy in Jordan: A quality Approach and (2016). October 25th-26th. Amman, Jordan
2. Shorouq Yaqoub, Yousef AM. Genetic Polymorphism of MTHFR and response to 5FU-based chemotherapy in CRC patients: Prospective Cohort Study. "Recent Trends in Postgraduate Research" Applied Science University-Pharmacy Second Symposium. December 5th-6th, 2015, Amman, Jordan
3. Weam Al Qasem, Yousef AM. Genetic Polymorphism of TYMS and Susceptibility to Lung Cancer: Case Control Study. "Recent Trends in Postgraduate Research" Applied Science University-Pharmacy Second Symposium. December 5th-6th, 2015, Amman, Jordan
4. **Yousef AM** .Patient counseling. Jordan Pharmaceutical Association Workshop of Clinical Pharmacy, (2011). Amman, Jordan.
5. Xue B, Melhem M, Reynold D, **Yousef AM**, Van Wart S. Population pharmacokinetic analysis and design on optimum sampling strategy of clopidogrel. American Conference on Pharmacometrics, (2011) USA.
6. **Yousef AM.** Pharmacokinetic of proton pump inhibitors how best applied clinically in individual patient level. Standalone symposium in the management on GERD disorders. (2011), Czech Republic.
7. **Yousef AM.** Drug exposure in preganacy. The 1st Jordan Pharmaceutical Association Symposium in Zarqa, (2011), Zarqa, Jordan.
8. Bulatova N, **Yousef AM**, Al-Khayyat G, Qosa. H Adverse Effects of Tacrolimus in Renal Transplant Patients from Living Donors. The 3rd Kuwait International Pharmacy Conference, (February 2011). Kuwait, Kuwait.
9. **Yousef AM** , Bashiti I, Qunybi I, Al-Saleh S. Clincial pharmayc and pharmaceutical care where are we standing? Experience at Ibn Al-Hythem Hospital. The 13th Pharmaceutical Conference of Jordan Pharmaceutical Association, (2010). Amman, Jordan.
10. Aburuz S, Bulatova N, **Yousef AM**, Ghazawi M. Comprehensive prospective assessment for treatment related problems in hospital internal medicine patients. The 16th ISPW (International Pharmacy Social Workshop) scientific conference (23rd to 26th August 2010), Lisbon, Spain.

11. **Yousef AM** .The value of education in the management of warfarin therapy: prospective interventional study. The 5th Palestinain pharmaceutical and first clinical pharmacy conference. (2009), Ramallah- Palestine.
12. **Yousef AM** , Aburuz S, Bulatova N, Bashiti I, Al-Qunybi I, Al-Saleh S. Clincial pharmayc and pharmaceutical care where are we standing? experience at Jordan Unoversity Hospital and Inb Al-Hytham Hospital. The 6th Palestinain pharmaceutical and second clinical pharmacy conference. (2009), Bait Lahem- Palestine.
13. Dyab O, **Yousef AM**, Arafat T, Younes N. Pharmqacogenomics and clopidogrel pharmacokinetics. The 6th Paletinain pharmaceutical and second clinical pharmacy conference. (2009), Bait Lahem- Palestine.
14. **Yousef AM**, Zahran F, Al-Salehm A, Obeidat N, Sanady M. The effect of genetic polymorphism of VKORC1 on Warfarin Dose Requirnants among Jordanian Patients. The 6th Palestinain pharmaceutical and second clinical pharmacy conference. (2009), Bait Lahem- Palestine.
15. **Yousef AM** .Drug –Drug interaction. Eli illy work shop in clinical pharmacy.(2009), Amman, Jordan.
16. **Yousef AM**, Bulatova N, Al-Sous M. The Value of Education in the Management of Warfarin Therapy. The 26th Congress of The Union of the Arab Pharmacists and The 12th Jordanian Scientific Pharmaceutical Congress, (April 10th – 12th , 2008), Amman, Jordan.
17. **Yousef AM**. Pharmacogenomic of cyclosporin & tacrolimus. the second sentific day of Zarqa Privet University, Genomics pharmacogenomics, proteomics & Bioinformatics, (May 4th, 2008), Amman, Jordan.

Workshops and Training Courses Attended

1. Application of Contemporary Learning Methods and How to use MethodsX in e-learning. April 4th, 2018. Said Mufti Auditorium, School of Engineering, University of Jordan
2. Design and Development of study material. March 5th, 2018. University of Jordan
3. Creative thinking skills in teaching. AQAC at School for International Studies. Feb 28th 2018.
4. E-learning. November 16th, 2017. School of Pharmacy, University of Jordan
5. Matching Course intended learning outcomes to Academic Program Learning Outcomes in Course Syllabus. November 9th, 2017. School of Pharmacy, University of Jordan
6. Advancing skills in managing learning projects, marketing and contemporary learning. October 26th, 2017. The University of Jordan
7. Intended Learning Outcomes for Academic Programs. October 19th, 2017. The University of Jordan
8. Recent Trendings in University Teaching. May 24th, 2017. The University of Jordan
9. Mapped Sequence Data at School of medicine March 13th, 2017, IT School, The University of Jordan
10. Epigenetic Regulation of Gene Expression March 12th, 2017, School of medicine, The University of Jordan
11. Curriculum Map: An Elegant & Powerful Tool in Your Assessment Toolbox. The Second Regional Faculty Development Workshop. March 5th-6th, 2017. Al Ain University of Science and Technology.

12. Focus Group, Interview, or Survey? Choosing appropriate assessment strategies. The Second Regional Faculty Development Workshop. March 5th-6th, 2017. Al Ain University of Science and Technology.
13. Developing effective program outcomes and course objectives: Building blocks for program assessment.
The Second Regional Faculty Development Workshop. March 5th-6th, 2017. Al Ain University of Science and Technology.
14. Programmatic and Curricular Assessment in Pharmacy Education: Examples of what it is and is not. The Second Regional Faculty Development Workshop. March 5th-6th, 2017. Al Ain University of Science and Technology.
15. Assessment: It's Role in Assuring and Advancing Quality in Pharmacy Education. The Second Regional Faculty Development Workshop. March 5th-6th, 2017. Al Ain University of Science and Technology.
16. Learning open resources. February 22nd-23rd, 2017, IT School, The University of Jordan
17. Horizon 2020 Project Management Training. Jan 16th, 2017. LandMark, Amman, Jordan
18. ILOs of Academic Programs November 15-16th 2016, Prince Hussein for Internatinal Studies, The University of Jordan
19. Current Issues in Higher Education Institutions: National Qualification Framework, Diploma supplements, and Degree Profile Oct 20th, 2016. Prince Hussein for Internatinal Studies, The University of Jordan
20. Contineous Improvement in students' performance based on assessment of learning outcomes Oct 13th, 2016. Atheer Center, The University of Jordan
21. Advanced ILOs-QA. Oct 5th, 2016. Atheer Center, The University of Jordan
22. Self Study Report for QA certificate. Oct 6th, 2016. Prince Hussein for Internatinal Studies, The University of Jordan
23. Forms and Procedures for QA process. April 26th, 2016. Jordan University-QA, Amman, Jordan

24. Curricular design and Delivery Workshop. American Council on Pharmacy Organization and American Academy for Clinical Pharmacy. Al-Ain University for Science and Technology, Abu Dhabi, UAE 13th March-14th March, 2016.
25. Intended learning Outcomes. November 16th, 2015. Atheer Center, The University of Jordan
26. Training course on using Blackboard. King Abdulla II School for Information and Technology (2005). Amman, Jordan.
27. Teaching and Assessment Methods. Centre for Educational Development. (2nd Dec. - 24th of Jan. 2003). Amman, Jordan.
28. Managing Multiple Choice Questions. Centre for Educational Development. (3rd June, 2003). Amman, Jordan.
29. Curriculum Development. School of Medicine (15th to 20th of Feb. 2003). Amman, Jordan.
30. Coordination of workshop on the rehabilitation of addict in collaboration with the National Center for the Rehabilitation of Addict (24th of May, 2003). Amman, Jordan.
31. Work shop on the intellectual property in the Science Institute for Intellectual Property Services, (2003). Amman, Jordan.

Memberships

- 1995-current** Jordan Pharmaceutical Association, Jordan.
- 2008-2011** Member of Committee on Re-registration of generics at Jordan FDA
- 2011-2013** Member of Higher Committee on Registration of Generics at JFDA
- 2011-2014** Member of Committee on Pharmacovigilance at Jordan FDA
- 2013-2013** Member of Higher Committee on Registration of Originators at JFDA
- 2002-current** Member at a number of University and Faculty committees, Scientific research committee, Library committee, Equipment and laboratory committee, Safety committee, Students disciplinary actions committee, School of pharmacy board, Curriculum Committee, and pharmacy care unit Tempus).
- 2011-2012** Department representative at the Faculty council.
- 2012-2018** Member of Faculty Council as the Dean's Assistant
- 2016-2017** University of Jordan-Health Insurance Fund management Committee
- 2016-2018** International Accreditation Committee of School of Pharmacy

Computer Skills and Others

1. The University of Jordan Computer Driving License (UJCDL), passing successfully of 7 of its modules. (Introduction, Windows, Word, Excel, PowerPoint, Access, Internet).
2. Statistical Package for the Social Sciences

Referee for manuscript published within

1. Jordan Journal of Pharmaceutical Sciences
2. Journal of Complementary and Alternative Medicine
3. Molecular biology reports
4. International journal of clinical pharmacy
5. International journal of cardiology

Teaching Experience

1. Undergraduate Pharmacy and PharmD students:

Pharmacology 1,
Pharmacology 2,
Therapeutics 1,
Therapeutics 2,
Therapeutics 3,
Therapeutics 4,
Evidence based medicine,
Ambulatory Care Clerkship
Gynecology and Obstetrics Clerkship
Internal Medicine Clerkship

2. Master in Clinical Pharmacy:

Pharmacotherapy 1,
Pharmacotherapy 2,
Pharmacotherapy 3,
General Hospital Training 1
General Hospital Training 2
Specialized Hospital Training
Pharmaceutical Care,
Research methodology,
Evidence based medicine