

Qusai Al-Share, R.Ph, Ph.D.

Curriculum Vitae

Associate Professor of Pharmacology & Therapeutics

Dept. of Clinical Pharmacy, Faculty of Pharmacy

Jordan University of Science and Technology

Irbid, 22110 Jordan

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Executive SUMMARY:

Associate Professor of Pharmacology & Therapeutics and pharmaceutical industry clinical development expert with more than 17 years of experience in global drug development, clinical research, and translational medicine across academia and the biopharmaceutical industry. Former Senior Clinical Research Scientist and Clinical Trials Leader at Novartis Institutes for Biomedical Research (NIBR), USA, with leadership experience in the strategic design, execution, and oversight of global Phase I–III multicenter clinical trials across multiple therapeutic areas.

Extensive expertise in clinical development strategy, protocol design and implementation, medical monitoring, safety evaluation, regulatory compliance (ICH-GCP), and cross-functional collaboration with clinical operations, regulatory affairs, biometrics, and translational medicine teams. Contributed to more than 40 international clinical trials and the development of multiple regulatory-approved therapies.

Currently serves as Associate Professor at Jordan University of Science and Technology with academic and research interests focused on clinical research, medication safety, clinical pharmacology, drug-induced metabolic disorders, and cardiovascular complications. Author of more than 25 peer-reviewed publications in high-impact international journals and actively involved in graduate education and clinical research training.---

EDUCATION

Ph.D.	Pharmacology and Therapeutics University of Toledo, Ohio, USA	2002-2007
B.S Pharm	B.S Pharmacy Jordan University of Science and Technology, Jordan	1990-1995

FELLOWSHIP TRAINING

Fellowship	Postgraduate Fellowship, Clinical Pharmacology and Drug Development University at Buffalo (State University of New York, SUNY) and Novartis Pharmaceuticals, Inc., New Jersey, USA	2008-2010
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CERTIFICATION

Foreign Pharmacy Graduate Examination Committee Certification (FPGEC, USA)	2004
Teaching and Learning Program Certificate School of Pharmacy and Pharmaceutical Sciences, University at Buffalo, SUNY Pharmacy Residents and Fellows Teaching and Learning Program Certificate	2008-2009
Medication Therapy Management (MTM) Certificate National Certificate Training Program Comprehensive Instruction in Strategy, Procedure and Clinical Application of MTM	Sep 2019

LICENSURE

Pennsylvania State Board of Pharmacy, USA (License #: RP444112, Inactive)	2010
Multistate Pharmacy Jurisprudence Examination (MPJE), Pennsylvania, USA	2010
Ohio State Board of Pharmacy, USA (License #: RPH 0322844-2)	2008
Multistate Pharmacy Jurisprudence Examination (MPJE), Ohio, USA	2008
American Board of Pharmacy (NABP)	2008
North America Pharmacist Licensure Examination (NAPLEX)	2008
Registered Pharmacist, Jordan	1995

POSITIONS AND ACADEMIC APPOINTMENTS

Associate Professor of Pharmacology & Therapeutics Dept. of Clinical Pharmacy, Faculty of Pharmacy Jordan University of Science and Technology Irbid, Jordan	2026-Present
Assistant Professor of Pharmacology & Therapeutics Dept. of Clinical Pharmacy, Faculty of Pharmacy Jordan University of Science and Technology Irbid, Jordan	2017-2026
Adjunct Faculty, Master of Clinical Research (MCR) Program Massachusetts College of Pharmacy (MCPHS) Dept. of Pharmaceutical Sciences, Clinical Research Boston, USA	2016-
Senior Clinical Research Scientist (Sr. Clinical Trials Leader) Translational Medicine, Novartis Institutes for Biomedical Research, East Hanover, NJ, USA	2009-2017
Clinical Instructor/Adjunct Faculty School of Pharmacy and Pharmaceutical Sciences, University at Buffalo, SUNY Buffalo, NY, USA	2008-2010
Postdoctoral Fellow School of Pharmacy & Pharmaceutical Sciences, SUNY Buffalo and Novartis Pharmaceuticals Inc. USA	2008-2009
Pharmacy Intern and Registered Pharmacist Rite Aid Pharmacy, Canton, Ohio, USA	2007-2008
Graduate Research Assistant, Graduate University of Toledo, College of Medicine, Department of Pharmacology Toledo, OH, USA	2002-2007
Team Leader and Senior Medical Representative Sanofi Pharmaceuticals Inc., Jordan	1998-2002
Pharmacist in charge Alsharei Pharmacy, Jordan	1995-1998

TEACHING EXPERIENCE

Courses taught at Jordan University of Science and Technology, Irbid, Jordan (2017-Present):

Undergraduate and PharmD Courses:

PHAR/PHMD 242	Pharmacology 1 (Introduction to Pharmacology and CNS Pharmacology)
PHAR/PHMD 343	Pharmacology 2 (cardiovascular, respiratory, GIT, NSAIDs)
PHMD 443	Therapeutics (Neurological and Psychiatric Disorders)
PHMD 544	Therapeutics (Woman and Man Health)
PHMD 560	Therapeutics 3 (Renal, Hepatic, Geriatric and Pediatric Diseases)
PHMD 568	Clinical Seminar (1) and (2)
PHMD 401	Community Pharmacy Training (for PharmD Students)
PHMD 402	Community Pharmacy Training (for BS Pharmacy Students)
PHMD 505	Selected Topics in Clinical Pharmacy
PHMD 548	Comprehensive Therapeutics (for PharmD Students)
PHMD 675	Clinical Pharmaceutical Research (for PharmD Students)
PHMD 643	Clinical Training (Internal Medicine)
PHMD 644	Clinical Training (Pediatric Diseases)
PHMD 676	Clinical Training (Disease State Management)
PHAR 466	Ethics and Pharmacy Practice

Graduate Level Courses:

PHAR 700	Scientific Writing and Research Ethics
PHAR 704	Clinical Practice 1
PHAR 741	Therapeutics for MS Students (CNS module)
PHAR 744	Comprehensive Therapeutics, MS Pharmacy Students
PHAR 707	Clinical Training (Internal Medicine)
PHAR 771	Principles of Experimental Therapeutics
PHAR 737	Clinical Pharmacology

Courses Taught at Massachusetts College of Pharmacy & Health Sciences (MCPHS), Boston, USA:

Online Graduate Courses (Master of Clinical Research):

MCR 802O	Research Methodology & the Development of Protocols & Proposals
MCR 804O	Graduate Project in Clinical Research

Supervised Capstone Projects (graduation project) for over 180 MS Students (Graduate Project in Clinical Research), Massachusetts College of Pharmacy and Health Sciences 2016-

RESEARCH EXPERIENCE**Research Interests**

- Drug-related problems, inappropriate medication prescribing and medication safety
- Mechanisms of insulin resistance in type 2 diabetes mellitus and obesity, and related cardiovascular complications
- Drug-induced insulin resistance
- Drug development and clinical research (clinical study design, protocol writing, clinical trial conduct, drug safety review, medical monitoring, data presentation and study reporting)

Research Positions Held

Principal Investigator College of Pharmacy, JUST	2017-
Director of Clinical Research (Senior Clinical Research Scientist) Novartis Institutes for Biomedical Research (NIBR), East Hanover, New Jersey, USA <ul style="list-style-type: none"> Led Clinical research projects in cardiovascular and metabolic diseases 	2010-2017
Postdoctoral Research Fellow University of Buffalo and Novartis Institute for Biomedical Research, USA <ul style="list-style-type: none"> Clinical Research and Drug Development training Insulin action and anti-inflammatory drugs Pharmacokinetics and pharmacodynamics (PK/PD) 	2008-2010
Predoctoral Research Fellow Department of Pharmacology and Therapeutics, University of Toledo, OH, USA <ul style="list-style-type: none"> Research project in molecular mechanisms of insulin resistance and cardiovascular complications Developed an insulin resistance model to test for abnormal insulin action in the pre-diabetic state 	2002-2007

CLINICAL TRIALS LEADERSHIP

Clinical development lead on over 40 global multicenter, multicountry clinical trials (Phases 1-3). Role included study planning, design, protocol writing, conduct oversight, safety and efficacy data ongoing review, medical monitoring, results reporting and presentation.

- 13 clinical trials in cardiovascular disease area
- 13 clinical trials respiratory/rare diseases
- 9 clinical trials in ophthalmology
- 3 clinical trials in neurology, nephrology, immunology
- 2 clinical trials in endocrinology

RESEARCH FUNDING**Ongoing Projects**

- Qusai Al-Share** (PI), Mohammad Alsaggar (Co-PI). 2020-2021. Role of CEACAM1 in Olanzapine-Induced Obesity and Metabolic Disturbances. Sponsor: Deanship of Research, Jordan University of Science and Technology. **Amount: \$13,700.**
- Qusai Al-Share** (PI), Mohammad Alsaggar (Co-PI). 2021-2022. Effect of Olanzapine treatment on the mRNA levels of hepatic CEACAM1 in male mice. Sponsor: Deanship of Research, Jordan University of Science and Technology. **Amount: \$14,122.**
- Qusai Al-Share** (PI), Mohammad Alqudah (Co-PI). 2021-2022. An Observational, Retrospective, Cross-sectional Study to Evaluate Medication Appropriateness in Older Adults with Polypharmacy. Sponsor: Deanship of Research, Jordan University of Science and Technology. **Amount: \$6,213.**
- Qusai Al-Share** (PI), 2022-2023. Evaluation of medication appropriateness in older adults in a respiratory outpatient clinic using the medication appropriateness index. **Amount \$565.**

5. **Qusai Al-Share** (PI), 2022-2023, Evaluating Clozapine-induced Obesity and Metabolic Derangements: A Potential Role for the Carcinoembryonic Antigen-related Cell Adhesion Molecule 1. **Amount \$9,178.**
6. **Qusai Al-Share** (PI), Nehad Ayoub (Co-PI), 2022-2023. Evaluation of Medication Appropriateness in Older Diabetic Adults with Polypharmacy: An Observational, Retrospective, Cross-sectional Study. **Amount \$565.**
7. **Qusai Al-Share** (PI), 2024-2025. Potentially inappropriate medication use in older adults with chronic respiratory diseases in an outpatient setting in Jordan. **Amount \$565.**

HONORS & AWARDS

Novartis Institute for BioMedical Research (NIBR) Team's Award	Mar 2015
Recognizes and rewards select group of scientists who distinguish themselves in teams by having significant impact on collective drug discovery efforts, Cambridge, MA	
ACCP Fellows and Residents Travel Award	Oct 2009
To attend the 2009 ACCP annual meeting in Anaheim, CA	
Best Postdoctoral Fellowship Oral Presentation Award	Jun 2009
School of Pharmacy and Pharmaceutical Sciences, University at Buffalo/Novartis Drug Development Fellowship Research Day, Buffalo, NY	
Liberato J.A. DiDio Award	Apr 2005
Research Excellence (1 st Place). The 20 th annual Research Forum Graduate School, the University of Toledo. Presented a winning poster entitled "Reduction of Hepatic CEACAM1 Levels: A Mechanism of Insulin Resistance Induced by High-fat Diet"	
Graduate Studies Dean's List	2005
Research Excellence. University of Toledo, College of Medicine, Ohio	
Liberato J.A. DiDio Award	Apr 2004
Research Excellence (2 nd Place). The 19 th Annual Research Forum Graduate School at the University of Toledo. Presented a winning poster entitled "High-fat Diet Decreases CEACAM1 Levels in Liver".	
Predoctoral Fellowship Award	2002-2007
Predoctoral training research award in Biomedical Sciences. Department of Pharmacology, University of Toledo, OH	
Jordanian Government scholarship award for BS in Pharmacy	1990-1995
School of Pharmacy, Jordan University of Science and Technology	

COURSES AND WORKSHOPS COMPLETED:

1. Good Clinical Practice (GCP), NIDA Clinical Trials Network, Nov 2025.
2. Strategic Planning and Change Management in Academic Institutions, Oct 2025. Deanship of Academic Development and Quality Assurance, JUST.
3. ICH/GCP Obligations of Sponsors and Monitors course (GCP04 Ver 4.0), Jul 2025
4. "How to Design Your Online Course", Mar 2025. Jordan University of Science and Technology.
5. GCP/ICH Obligations of Sponsors and Monitors course (GCP04 Ver 3.3), Jun 2024

6. GxP Training (PHDV61 Ver 1.8) course, May 2023
7. Targeted SDV Subject Management course (MEDS Reporter, Rave EDC, Rave EDC (SIMT), Rave Modules, Rave Architect Roles) course, Apr 2023
8. Medidata Rave EDC: Getting Started course (MEDS Reporter, Rave EDC, Rave EDC (SIMT), Rave Modules, Rave Architect Roles) course, Mar 2023
9. Code of conduct and Business Ethics course (CBT 165-11 Ver 2.0), Aug 2022
10. Effective Communication Workshop, 2021.
11. DISC (Dominance, Influencing, Stabilizing, Cautious) Clinical Development Workshop, Dec 2021
12. Code of conduct and Business Ethics course (CBT 165-11 Ver 1.0), Sep 2021
13. GxP Training (TRAIN-000061 Ver 1.0) course, Jul 2021
14. GCP/ICH Obligations of Sponsors and Monitors course (GCP04 Ver 3.2), Jun 2021
15. Reporting and Handling Misconduct course (CBT-165-07 Ver 1.0) Jun 2021
16. Hiring Healthcare Professionals, Patients and Managed Care Customers, End-to-End Process Training Course (CBT-165-04 Ver 1.0), Jun 2021
17. Good Communication Practices (CBT-165-01 Ver 1.0) May 2021.
18. Social Media Usage Policy Training course (CBT-140-01 Ver 1.0) Jun 2021
19. Access to and Management of Veeva Vault Training Course (TRAIN-000035- V3.0) May 2021.
20. Electronic Signature Course (NH-00003- Ver 5.0), May 2021
21. "Introduction to cGMP": a training course completed on 26 May 2020.
22. "Medication Therapy Management": a 13-module training course offered by POWER-PAK C.E as part of the Medication Therapy Management Program Certification Program, 2 Sep 2019.
23. "GCP for Clinical Trials with Investigational Drugs and Biologics [ICH Focus]": a 7-module refresher course offered by CITI Program, 8 Jul 2019
24. "GCP for Clinical Trials with Investigational Drugs and Biologics [ICH Focus]": a 15-module basic course offered by CITI Program, 20 Jun 2017
25. "Protocol Writing Workshop": offered by Novartis Pharmaceutical Inc., Jul 2015, Cambridge, Massachusetts, USA
26. "Punctuation for Clarity and Style": a one-day workshop offered by the American Medical Writers Association-the Delaware Valley Chapter, 18th Annual Princeton Conference, 26 Apr 2014, Princeton, New Jersey, USA
27. "Writing the Investigator Brochure": a one-day workshop offered by the American Medical Writers Association-the Delaware Valley Chapter, 18th Annual Princeton Conference, 26 Apr 2014, Princeton, New Jersey, USA
28. "Freelancing and Beyond, Secrets to LinkedIn Success, A panel on Legal Experts to Address Contract Concerns, Google+ Authorship to Support Your Own Thought Leadership, and Best Practices in Freelancing from Success Freelancers": a one-day workshop offered by the American Medical Writers Association-Delaware Valley Chapter, the 12th Annual Freelance Conference, 22 Mar 2014, Philadelphia, Pennsylvania, USA
29. "Global Clinical Trials: Preferred CRO Partnerships": a one-day workshop offered by Opal Events, 1-2 Oct 2012, Philadelphia, Pennsylvania, USA
30. "Influencing for Results": training course offered by Novartis Pharmaceutical Inc., Jul 2011, Cambridge, Massachusetts, USA
31. "Presentation Skills": training course offered by Novartis Pharmaceutical Inc., Jul 2011, Cambridge, Massachusetts, USA
32. "Pediatric Clinical Trials Forum": training course offered by Novartis Pharmaceutical Inc., Jun 2011, East Hanover, New Jersey, USA
33. "Quality Performance": training course offered by Novartis Pharmaceutical Inc., Jul 2011, Cambridge, Massachusetts, USA
34. "Project Management": training course offered by Novartis Pharmaceutical Inc., May 2011, East Hanover, New Jersey, USA

35. "Drug Development Timelines Today and Tomorrow, The Challenge of Pharmaceutical R&D": a training course offered by Association of Clinical Research Professionals (ACRP), 30 Apr 2011, Seattle, Washington, USA.
36. "IND Submission": training course offered by Novartis Pharmaceutical Inc., Apr 2011, East Hanover, New Jersey, USA
37. "Code of Conduct": training course offered by Novartis Pharmaceutical Inc., Apr 2011, East Hanover, New Jersey, USA
38. "Clinical Trial Application": training course offered by Novartis Pharmaceutical Inc., Feb 2011, East Hanover, New Jersey, USA
39. "GCP" course: a three-day training course on Good Clinical Practice in Clinical Research offered by Novartis Pharmaceutical Inc., Jun 2010, Whippany, New Jersey, USA
40. "Road to PoC": a two-day workshop offered by Novartis Pharmaceuticals to train on proof-of-concept studies, Mar 2010, Whippany, New Jersey, USA
41. "Target to Therapy": A two-day Drug Development training course by Novartis Pharmaceuticals, 18-19 Nov 2009, East Hanover, New Jersey, USA
42. "Basics of Clinical Research": by American College of Clinical Pharmacy, 18 Oct 2009, Anaheim, California, USA.
43. "Application of Modeling over the Development of Life Cycle of Biologics": offered by the American Conference on Pharmacometrics (ACoP), 5 Oct 2009, Ledyard, Connecticut, USA
44. "Development and Utilization of Disease Models": offered by the American Conference on Pharmacometrics (ACoP), 6 Oct 2009, Ledyard, Connecticut, USA

TRAINING COURSES AND WORKSHOPS TAUGHT:

"Careers and Opportunities in Clinical Research: An Introductory Workshop for Future Professionals". 17 Aug 2025. College of Pharmacy, JUST.

"Clinical Trial Conduct and GCP Overview, a Sponsor Perspective": a one-day course taught at Pharmaceutical Research Center (PRC), 3 Jul 2019, Jordan University of Science & Technology, Irbid, Jordan

"Pharmaceutical Industry: Developing a New Drug": an invited lecture by the NIH at the 5th Annual NIH Career Symposium, 18 May 2012, Bethesda, Maryland, USA

COMMITTEES AND SERVICE

Community Service Level:

- Chair, Jordan National Qualification Framework (JNQF) Course Evaluation for PharmD Program (2023/2024)
- Member, Ministry of Health Committee on Rationale Use of Medications (2023/2024)
- Member, Jordanian Civil Services Bureau for Pharmacists Competency Framework (2022/2023)
- Member, JNIL Technical Scientific Advisory Committee (TAC), Tufts University/USAID (2020/2025)

University Level: Jordan University of Science & Technology

- Member, University Council, Jordan University of Science & Technology (2022/2023)
- Member, University Council, Jordan University of Science & Technology (2019/2020)

Faculty Level: Faculty of Pharmacy, Jordan University of Science & Technology

- Chair, Networking and Alumni Affairs Committee (2025/2026)
- Member, Student Guidance and Academic Advising Committee (2025/2026)
- Member, Student Advisory Committee (2024/2025)

- Member, Student Disciplinary Committee (2024/2025)
- Member, Department Scientific Research Committee (2024/2025)
- Member, Department Examinations Committee (2024/2025)
- Member, MS in Pharmacology and Experimental Therapeutics Evaluation (2023/2024)
- Chair, Curriculum Planning Committee for PhD Program in Pharmaceutical Sciences (2022/2023)
- Member, Scientific Research Committee (2022/2023)
- Chair, Curriculum Planning Committee for MS in Regulatory Affairs, Joint Program with JFDA (2022/2023)
- Chair, Scientific Committee (2022/2023)
- Member, Consultation Committee (2022/2023)
- Member, Pharmacology Curriculum Review Committee (2022/2023)
- Member, Scientific Research Committee (2021/2022)
- Member, Scientific Committee (2021/2022)
- Member, Faculty Members Evaluation Committee (2021/2022)
- Member, Examination Evaluation Committee (2021/2022)
- Member, Distant Learning Committee (2020/2021)
- Member, Examination Evaluation Committee (2020/2021)
- Member, Faculty Members Evaluation Committee (2020/2021)
- Member, Scientific and Continuing Education Committee (2019/2020)
- Member, Conferences and Scientific Days Committee (2019/2020)
- Chair, Accreditation subcommittee for Student Services (2019/2020)
- Member, Scientific, Cultural and Continuing Education Committee (2018/2019)
- Member, Conferences and Scientific Days Committee (2018/2019)
- Member, Scientific and Educational Committee (2017/2018)
- Chair, Conferences and Scientific Days Committee (2017/2018)

Academic Supervision and Thesis Committees

Major Advisor:

- Rashed Mohammad Fraij (MSc in Clinical Pharmacy, Spring 2025). "Potentially inappropriate medication use in older adults with chronic respiratory diseases in outpatient setting in Jordan".
- Asma Mohammad Odat (MSc in Clinical Pharmacy, Fall 2024): Evaluating clozapine-induced obesity and metabolic derangements: a potential role for carcinoembryonic antigen-related cell adhesion molecule type-1. Fall 2024
- Afnan AbuShqair (MSc in Clinical Pharmacy, Fall 2023): "Evaluation of Medication Appropriateness in Older Adults in a Respiratory Outpatient Clinic Using the Medication Appropriateness Index".
- Lujain Emad Nsour (MSc in Clinical Pharmacy, Fall 2023): Evaluation of medication appropriateness in older diabetic adults with polypharmacy: an observational, retrospective, cross sectional study. Summer 2023.

Co-Advisor:

- Elaf Rababaah (MSc in Clinical Pharmacy, Fall 2025)
- Salam Sardieh (MSc in Clinical Pharmacy, Fall 2023): Evaluation of the predictive value of blood levels of hepatocyte growth factor and vascular endothelial growth factor in solid cancer patients treated with bevacizumab. (Spring 2024).

- Bayan Abdallah Abandah (MSc in Clinical Pharmacy, Fall 2018). renal failure by orellanine from the poisonous webcap mushroom cortinarius orellanus: mechanism of action. (Fall 2019).

Internal Examiner:

- Tala Mahmoud Algarram (MSc in Clinical Pharmacy). Cardiac effects of atorvastatin in rat model of streptozotocin-induced diabetes

Other Services

- Preceptor, Northeastern University School of Pharmacy (Boston) and Novartis Pharmaceuticals Inc. Preceptor for PharmD students during their Co-Op at Novartis Is Inc., East Hanover, NJ (2010-2014)
- Northeastern University Co-Op internship coordinator, where he was involved in reviewing, selecting and mentoring interns at Novartis Pharmaceuticals Inc., East Hanover, NJ (2010-2014)
- Mentor and group leader for Drug Development Fellowship programs, University at Buffalo, Rutgers University School of Pharmacy and Novartis Pharmaceuticals Inc. Buffalo, NY and East Hanover, NJ (2010-2014)
- Member, Interview and Selection Committee for Fellowship candidates for University at Buffalo, Rutgers University College of Pharmacy and Novartis Fellowship Program, Buffalo, NY and East Hanover, NJ (2009-2014)
- Member, The PharmD Candidate Selection Committee at The University at Buffalo, School of Pharmacy for the class began Fall 2009 (Interviewer of PharmD candidates). Buffalo, NY (2009).
- Member, Clinical Research Track Committee. Served as a reviewer to evaluate PharmD Student Clinical Research Track Projects Defense. Department of Pharmacy Practice, School of Pharmacy and Pharmaceutical Sciences, University at Buffalo, NY. (April 15, 2009).

JOURNAL REVIEWER

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|---|--------------|
| • Therapeutic Advances in Gastroenterology | 2026-Present |
| • PLOS ONE | 2024-Present |
| • American Journal of Pharmaceutical Education (AJPE) | 2008-Present |
| • Clinical Epidemiology | 2020-Present |
| • Acta Scientific Pharmaceutical Sciences (Editorial Board) | 2021-Present |

OTHER SKILLS

- Excellent presentation, organizational, communication and Project management skills
- Proficient in statistical analysis programs (SYSTAT, Sigmaplot, Statview, Prizm, SPSS)

PROFESSIONAL MEMBERSHIPS AND ORGANIZATIONS

- American Pharmacists Association (APhA)
- Ohio Pharmacists Association (OPA)
- Association of Clinical Research Professionals (ACRP)
- The University of Toledo Alumni Association
- The University at Buffalo Alumni Association
- Jordan Pharmacists Association (JPA)

PUBLICATIONSPeer Reviewed Papers:[PubMed](#)[Google Scholar](#)[ResearchGate](#)

1. **Al-Share, Q.A.**, Tahrawi A.Y., Khasawneh D.M., Alshare, A.W., Alkhasawneh, S.A. (2025) Retrospective Evaluation of Medication Appropriateness in Older Adults with Hepatic Cirrhosis. *Science Progress*, 108(2), 1-19. <https://doi.org/10.1177/00368504251330037>.
2. **Al-Share, Q.A.**, Khasawneh, R.A., Rababa'h, A.M., Asfar, F.N., Mohammad, Y.N. (2025). Evaluation of medication appropriateness index in cardiovascular outpatient clinic: A cross-sectional study. *Currents in Pharmacy Teaching and Learning*, 17, 102262. <https://doi.org/10.1016/j.cptl.2024.102262>
3. **Al-Share, Q.A.**, Abu Shqair, A.A., Khasawneh, R.A., Albadawi, A.J., Ghneimat, A. (2024). Medication appropriateness in elderly patients with chronic respiratory disease: Insights from the medication appropriateness index. *Pharmacy Practice*, 22(4), 3058. <https://doi.org/10.18549/PharmPract.2024.4.3058>
4. Ayoub, N.M., Sardiah, S., **Al-Share, Q.Y.**, Alkader, M.S. (2024). Exploring angiogenic pathways in breast cancer: Clinicopathologic correlations and prognostic implications based on gene expression profiles from a large-scale genomic dataset. *PLOS ONE*, 19(9), e0310557. <https://doi.org/10.1371/journal.pone.0310557>
5. Alkhatib, A., Nuseir, K., Abdo, N., **Al-Share, Q.**, Altawalbeh, O. (2024). Behavioral interventions with and without pharmacological treatment: A comparative study at an autistic center in Jordan. *Jordan Journal of Pharmaceutical Sciences*, 17(2), 395-406. <https://doi.org/10.35516/jjps.v17i2.1974>
6. Nusair, S.D., Abandah, B., **Al-Share, Q.Y.**, Abu-Qatouseh, L., Ahmad, M.I.A. (2024). Toxicity induced by orellanine from the mushroom *Cortinarius orellanus* in primary renal tubular proximal epithelial cells (RPTEC): Novel mechanisms of action. *Toxicon*, 235, 107312. <https://doi.org/10.1016/j.toxicon.2023.107312>
7. Rashrash, M., Schliesser, S., Shatnawi, A., Sawesi, S., **Al-Share, Q.** (2024). Adverse drug reactions (ADRs) case studies: Moderate ADRs. In *Clinical Case Studies on Medication Safety* (pp. 33-80). Springer. <https://doi.org/10.1016/B978-0-323-98802-5.00005-4>
8. Shatnawi, A., Kamran, Z., **Al-Share, Q.** (2024). Pharmacogenomics of lipid-lowering agents: The impact on efficacy and safety. *Personalized Medicine*, 20(1), 65-86. <https://doi.org/10.2217/pme-2022-0041>
9. Stasi, K., **Al-Share, Q.**, Jain, M., Wald, M., Li, Y. (2024). Topical ocular TRPV1 antagonist SAF312 (Libvatrep) demonstrates safety, low systemic exposure, and no anesthetic effect in healthy participants. *Translational Vision Science & Technology*, 11(11), 15. <https://doi.org/10.1167/tvst.11.11.15>
10. Altawalbeh, S.M., Almomani, B.A., Alefan, Q., Momany, S.M., **Al-Share, Q.Y.** (2024). The influence of adverse drug effects on health-related quality of life in chronic obstructive pulmonary disease patients. *International Journal of Pharmacy Practice*, 30(5), 457-465. <https://doi.org/10.1093/ijpp/riac052>
11. Heinrich, G., Muturi, H.T., Rezaei, K., **Al-Share, Q.Y.**, DeAngelis, A.M., Bowman, T.A., Ghadieh, H.E., Ghanem, S.S., Zhang, D., Garofalo, R.S., Yin, L., Najjar, S.M. (2017). Reduced hepatic

- carcinoembryonic antigen-related cell adhesion molecule 1 level in obesity. *Frontiers in Endocrinology*, 8 (54):1-5. <https://doi.org/10.3389/fendo.2017.00054>
12. Heinrich, G., Ghadieh, H.E., Ghanem, S.S., Muturi, H.T., Rezaei, K., **Al-Share, Q.Y.**, Bowman, T.A., Zhang, D., Garofalo, R.S., Yin, L., Najjar, S.M. (2017). Loss of hepatic CEACAM1: A unifying mechanism linking insulin resistance to obesity and non-alcoholic fatty liver disease. *Frontiers in Endocrinology*, 26 (8): 8. <https://doi.org/10.3389/fendo.2017.00008>
 13. Russo, L., Ghadieh, H.E., Ghanem, S.S., **Al-Share, Q.Y.**, Smiley, Z.N., Gatto-Weis, C., Esakov, E.L., McInerney, M.F., Heinrich, G., Tong, X., Yin, L., Najjar, S.M. (2016). Role for hepatic CEACAM1 in regulating fatty acid metabolism along the adipocyte-hepatocyte axis. *Journal of Lipid Research*, 57(12), 2112-2123. <https://doi.org/10.1194/jlr.M072066>
 14. Flarakos, J., Du, Y., Bedman, T., **Al-Share, Q.Y.**, Jordaan, P., Chandra, P., Albrecht, D., Wang, L., Gu, H., Einolf, H., Heidi, J., Huskey, S., Mangold, J.B. (2016). Disposition and metabolism of [¹⁴C] Sacubitril/Valsartan (formerly LCZ696) an angiotensin receptor neprilysin inhibitor, in healthy subjects. *Xenobiotica*, 46(11), 1011-1023. <https://doi.org/10.3109/00498254.2015.1014944>
 15. Ramakrishna, S.K., Khuder, S.S., **Al-Share, Q.Y.**, Russo, L., Abdallah, S.L., Patel, P.R., Heinrich, G., Muturi S.K., Oyarce, A.M., Shah, Y.M., Sanchez, E.R., and Najjar, S.M. (2016). PPAR α (Peroxisome Proliferator-activated Receptor α) activation reduces hepatic CEACAM1 (Carcinoembryonic Antigen-related Cell Adhesion Molecule-1) expression to regulate fatty acid oxidation during fasting-refeeding transition. *Biological Chemistry*, 291 (15): 8121-9. <https://doi.org/10.1074/jbc.m116.714014>
 16. Li, C., Culver, S., Quadri, S., Ledford, K., **Al-Share, Q.Y.**, Ghadieh, H., Najjar, S., Siragy, H. (2015). High-fat diet amplifies renal renin angiotensin system expression, blood pressure elevation and renal dysfunction caused by Ceacam1 null deletion. *American Journal of Physiology, Endocrinology and Metabolism*, 309(4), E399-E408. <https://doi.org/10.1152/ajpendo.00158.2015>
 17. **Al-Share, Q.Y.**, DeAngelis, A.M., Lester, S.G., Bowman, T.A., Ramakrishnan, S.K., Abdallah, S.L., Russo, L., Patel, P.R., Kaw, M.K., Raphael, C.K., Kim, A.J., Heinrich, G., Lee, A.D., Kim, J.K., Kulkarni, R.N., Philbrick, W.M., Najjar, S.M. (2015). Forced hepatic overexpression of CEACAM1 curtails diet-induced insulin resistance. *Diabetes*, 64(9), 2974-2984. <https://doi.org/10.2337/db14-1772>
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Non-Peer Reviewed Papers:

1. **Al-Share, Q.Y.**, Cirincione, B., and Mager, D.E. A Focus on Type 2 Diabetes Mellitus. *American Association of Pharmaceutical Scientists (AAPS) NEWSMAGAZINE*, December 2008, pp: 19-24).

ORAL PRESENTATIONS

1. Evaluation of Medication Appropriateness in Older Patients Diagnosed with Chronic Respiratory Disease in Outpatient Setting". (April 25, 2024) 1st International Pharmaceutical Sciences Conference. Faculty of Pharmaceutical Sciences, Hashemite University, Zarka, Jordan.
2. Industry: Developing a New Drug (May 18, 2012). Fifth Annual NIH Career Symposium, National Institute of Health, Bethesda, MD
3. The effect of food on drug pharmacokinetics: a pharmaceutical industry perspective (June 1, 2010). University at Buffalo, Buffalo, NY
4. Anti-inflammatory Effects of Insulin as Compared to Four Systemic Corticosteroids (June 5, 2009). University at Buffalo/Novartis Fellowship Research Day. School of Pharmacy and Pharmaceutical Sciences, the State University of New York at Buffalo
5. Pharmacy Residency and Fellowship Training, Topics in Health Systems Pharmacy Practice (Course PHM 529) (Sep 2008), School of Pharmacy and Pharmaceutical Sciences, the State University of New York at Buffalo
6. Tools for Succeeding in Graduate School (Jun 2005). Summer Undergraduate research Fellowship (SURF) Program. Medical University of Ohio, Toledo, OH
7. Reduction of Hepatic CEACAM1 Levels: A Mechanism of Insulin Resistance Induced by High-fat Diet (Jan 2005 and Jun 2006). The 32nd and 33rd Annual Pharmacology Research Colloquium at Wayne State University, Detroit, MI and Michigan State University, East Lansing, MI, respectively.
8. Hypolipidemic Agents Improve Fat Metabolism and the Hypolipidemic State in CEACAM1 Inactive Mice (Jan 2003). The 31st Annual Pharmacology Research Colloquium at the University of Michigan, Ann Arbor, MI

POSTERS

- 1- Gallemore, R.; Hudson, H.; Sharma, A.; Elman, M.; Wells, J.; **Al-Share, Q.**; Milton, M.; McBlane, F.; Li, Y.; Zamiri, P.; Grosskreutz, C. "A Proof-of-Concept Study of Intravitreal (IVT) LFG316 In Patients With Neovascular Age-Related Macular Degeneration (nAMD)". ARVO, Seattle, WA, May 2016.
- 2- Du, Y., Chandra, P., **Al-Share, Q.**, Jordaan, P., Langenickel, T., Pal, P., Sunkara, G., Mangold, J. and Flarakos, J. "An open-label, single dose study to investigate the absorption, distribution, metabolism, and elimination of [¹⁴C]-LCZ696 and its metabolites in healthy male subjects". AAPS, San Antonio, TX, Nov 2013.
- 3- **Al-Share, Q.Y.**, Jusko, W.J., Blum, R.A., Dandona, P., and Mager, D.E. Anti-Inflammatory Effects of Insulin as Compared to Four Systemic Corticosteroids. ASCPT, Atlanta, GA, March 2010.
- 4- Patel, P.R., **Al-Share, Q.Y.**, Fernstrom, M.A., and Najjar, S.M. Free Fatty Acid Regulation of Hepatic CEACAM1 (2008). Bridging Graduate Studies at the University of Toledo. Graduate Student Research Forum, Toledo, OH
- 5- Patel, P.R., **Al-Share, Q.Y.**, Fernstrom, M.A., and Najjar, S.M. Free Fatty Acid Regulation of Hepatic CEACAM1 (2008). Annual Pharmacology Colloquium. University of Michigan, Ann Arbor, MI
- 6- TA Bowman DPM, **QY Al-Share** PhD, AM DeAngelis PhD, S Ghosh, PR Patel and SM Najjar PhD. CEACAM1 Repression as an Obligate Step in the Development of Diet-Induced Insulin Resistance. (The Endocrine Society's 92nd Annual Meeting, June 19–22, 2010 - San Diego)
- 7- Lee, A.D., Ghosh, S., **Al-Share, Q.Y.**, Cicila, G.C., and Najjar, S.M. (2007) Exercise training increases hepatic CEACAM1 expression. The Experimental Biology Meeting. Washington. D.C
- 8- Schroeder-Gloeckler, Jill; Deangelis, Anthony; Tong Dai; Heinrich, Garrett; **Al-Share, Qusai**; Sang Jun Lee; Dai Young Jung; Zhiyou Zhang; Eun-Gyoung Hong; Kim, Jason; Najjar, Sonia. Role of CEACAM2 in Insulin Action. (*Diabetes Jun 2007*).
- 9- Deangelis, A.M., Yang, Y., Fernstrom, M.A., Abou-Rjaily, G.A., Lee, S.J., **Al-Share, Q.Y.**, Miller, T., Ruch, R.J., Smith, S., Lin, S.H., Beauchemin, N., Oyarce, A.M., and Najjar, S.M. (2005). Insulin Acutely Decreases Fatty Acid Synthase Activity by Inducing CEACAM1 Phosphorylation. The Endocrine Society 87th Annual Meeting, San Diego, CA
- 10- **Al-Share, Q.Y.**, Rezaei, K., DeAngelis, A.M., Lee, S.-J., Fernström, M.A., Abou-Rjaily, G.A., Garofalo, R.S., and Najjar, S.M. (2005) Reduction of hepatic CEACAM1 levels: A Mechanism of Insulin Resistance Induced by High-fat Diet. The Endocrine Society 87th Annual Meeting. San Diego, CA
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- 12- **Al-Share, Q.Y.**, and Najjar, S.M. (2004). High-fat Diet Decreases CEACAM1 Levels in Liver. The 19th Annual Research Forum Sponsored by the Graduate School at Medical University of Ohio, Toledo, OH
- 13- Salam Sardiah, Nehad M. Ayoub, Mousa T. Atmeh, Mohammad S. Alkader, **Qusai Y. Al-Share**. (2026). The circulating levels of HGF and VEGF in patients newly diagnosed with solid cancers: Prognostic significance and clinical relevance. AACR Annual Meeting, San Diego, USA.

ABSTRACTS

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2. Sadeesh Kumar Ramakrishnan DVM, Payal R. Patel BS, **Qusai Y. Al-Share** PhD, Thomas A. Bowman DPM, Sumona Ghosh BS, Yatrik M. Shah PhD, Edwin R. Sanchez PhD and Sonia M. Najjar PhD. (The

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