

Amjad Khan, PhD, Postdoc

Current Position: Assistant Professor of Clinical Pharmacy & Practice, Department of Pharmacy, Quaid-i-Azam University, Islamabad, Pakistan

Postdoc (China & Hong Kong), PhD (Malaysia),

Pharm.D. (Vice Chancellor's Gold Medal) & M.Phil. (Pak)

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Postal Address:

Department of Pharmacy, Quaid-i-Azam University, Islamabad 45320, Pakistan

Residential Address:

H # 69, near IB Colony gate, Colonel Amanullah road, Bhara Kahu, Islamabad, Pakistan

Personal Information:

Full Name	AMJAD KHAN
Father Name	Gul Majeed Khan
Designation	Assistant Professor
Date of Birth	01- 10 - 1989
Domicile & Nationality	Bannu (KP); Pakistan
Religion	Islam
Marital Status	Married
N.IC. No.	12101-1038045-7
Passport No.	LC4120452

ACADEMIC QUALIFICATIONS/EDUCATION

- PhD (Clinical Pharmacy) (01/2019)**
Fellowship/Sponsor Number: P-FD0011/15(R)
School of Pharmaceutical Sciences, Universiti Sains Malaysia (USM), Malaysia
Thesis Title: "Evaluation of time to achieve Dry Weight using Body Composition Monitor, Hypertension management and prevalence of Depression among Hemodialysis patients in Kelantan Malaysia".
- M.Phil. (Pharmaceutical Biotechnology) (12/2014)**
Department of Biotechnology, Quaid-i-Azam University, Pakistan
Thesis Title: "Isolation, Structure Elucidation and Biological activities of *Acridocarpus Orientalis* A. Juss."
- Doctor of Pharmacy (Pharm.D.) (11/2012)**
Gomal University, Pakistan
Graduated with distinction (Gold Medal award) from Faculty of Pharmacy, Gomal University, KP, Pakistan. Percentage: 81 % (A Grade)

Postdoctoral Fellowship

Ministry of Health Postdoc Fellowship (Dec 03, 2023 to Dec 02, 2024): Completed at The First Affiliated Hospital/Department of Pharmacy Administration and Clinical Pharmacy, School of Pharmacy, Health Science Center, Xi'an Jiaotong University, Xi'an, China & HKU, Hong Kong.

Project title: Management of anemia in chronic kidney disease and dialysis patients.

RESEARCH INTERESTS

Medication safety; antimicrobial stewardship; pharmacist-led interventions in infectious diseases and nephrology; clinical pharmacy; health systems research and epidemiology; clinical trials; public health

PROFESSIONAL EXPERIENCE

1. **Assistant Professor (Tenure Track)**, Department of Pharmacy, Quaid-i-Azam University, Islamabad, Pakistan.
Duration: From 22nd October 2019- present
2. **Assistant Professor (BPS)**, Department of Pharmacy, Quaid-i-Azam University, Islamabad, Pakistan.
Duration: From 12th June 2019 to 21st October 2019
3. **Lecturer in Clinical Pharmacy**, Department of Pharmacy, Quaid-i-Azam University, Islamabad, Pakistan.
Duration: From 27th April 2017 to 11th June 2019
4. **Postdoctoral Fellow**, The First Affiliated Hospital/Department of Pharmacy Administration and Clinical Pharmacy, School of Pharmacy, Health Science Center, Xi'an Jiaotong University, Xi'an, China & HKU, Hong Kong.
Duration: From 3rd December 2023- to 2nd December 2024
5. **Visiting Faculty**, International Center for Professional Development (ICPD), Superior University in collaboration with University of California, Berkeley.
Duration: From 9th March 2022- to date

Responsibilities

Responsible for teaching clinical pharmacy courses and conducting hospital clerkship of undergraduate pharmacy students, as well as teaching and supervision of Postgraduate (M.Phil./PhD) students.

New Courses developed for M.Phil. & PhD students

(Approved by Board of Faculty and Advanced Studies & Research Board, Quaid-i-Azam University)

- | | |
|--|------------------|
| 1. Clinical Research in Pharmacy (PHM-845) | Credit Hours: 03 |
| 2. Systematic Reviews in Pharmacy Practice (PHM-846) | Credit Hours: 03 |

TEACHING EXPERIENCE

I have over 06 years of post-PhD teaching experience across a wide variety of subjects and learning environments, from individual and small group tutorials to seminars, classes, and lectures. I was awarded the University Best Performance Award for the year 2022-2023 at Quaid-i-Azam University. I have led capacity-building workshops and invited lectures in Pakistan, Malaysia, and China with 20-50 participants. I am currently supervising and co-supervising Masters and PhD students. My previously supervised postgraduate research projects have been presented at major international conferences and resulted in various publications in reputed journals.

Post Graduate Teaching Responsibilities

Postgraduate (M.Phil. & PhD level by Course Work) Teaching Subjects

Credit Hours: 03

- ✓ Biostatistics-II (PHM-742)
- ✓ Research planning & Report writing (PHM-743)
- ✓ Clinical research in Pharmacy (PHM-845)
- ✓ Clinical Pharmacy-II (PHM-764)

- ✓ Pharmacy Practice-I (PHM-761)
- ✓ Pharmacy Practice-II (PHM-762)
- ✓ Pharmacoeconomics -From Theory to Practice-II (PHM-840)
- ✓ Pharmacoeconomics-From Theory to Practice-III (PHM-841)
- ✓ Systematic Reviews in Pharmacy Practice (PHM-846)

• **Undergraduate Pharmacy Subjects**

Credit Hours: 03 (For theory courses) Credit Hours: 01 (For labs)

- ✓ Pharmacy Practice-IVA (Hospital Pharmacy)
- ✓ Pharmacy Practice-IVB (Hospital Pharmacy)
- ✓ Pharmacy Practice-VA (Clinical Pharmacy) (Theory)
- ✓ Pharmacy Practice-VA (Clinical Pharmacy) (Lab)
- ✓ Pharmacy Practice-VB (Clinical Pharmacy) (Theory)
- ✓ Pharmacy Practice-VB (Clinical Pharmacy) (Lab)
- ✓ Pharmacy Practice-VIA (Advanced Clinical Pharmacy) (Theory)
- ✓ Pharmacy Practice-VIA (Advanced Clinical Pharmacy) (Lab)
- ✓ Pharmacy Practice-VIB (Advanced Clinical Pharmacy) (Theory)
- ✓ Pharmacy Practice-VIB (Advanced Clinical Pharmacy) (Lab)

• **Hospital Based Undergraduate Pharmacy Clerkship**

Medicine I [Nephrology]
Medicine II [Respiratory]
Medicine III [Cardiology]
Surgery Clerkship
Hospital Pharmacy [Outpatient Department]
Gynecology

• **Universiti Sains Malaysia (Research fellow at USM)**

Duration: 2015- 2018 (3-Years)

Responsibilities: (Hospital based clinical attachment)

Responsible to conduct undergraduate USM student's clerkship for:

- ✓ Medicine (Respiratory & Nephrology)

ADMINISTRATIVE & ACADEMIC ASSIGNMENTS/EXPERIENCE

Member: Departmental Admission Committee Pharm.D. (19/9/2022- to date)
WHO/EPI polio campaigns focal person (Pharmacy QAU) (17/8/2022- to date)
Member: Teaching evaluation committee (22/6/2022-to date)
Focal Person: Higher Education Data Repository (HEDR) (30/5/2022-to date)
Member: Departmental Attendance committee (25/4/2022-to date)
Member: AS&RB Gomal University, D. I. Khan (14/4/2022-to date)
Member: Postgraduate Admission Committee (27/8/2020- to date)
Member: Seminar Evaluation Committee (Postgraduate) (11/3/2020- to date)
In-charge: Departmental Computer Lab (1/1/2019- to date)
Coordinator: Pharm.D. Clinical projects designing and evaluation (01/09/2017- to date)

RESEARCH GRANTS

2023-2025: *"Evaluation and Management of COPD and other Comorbidities in COPD Patients by Dispensing Pharmaceutical Care following the GOLD guidelines 2020: A Prospective Clinical Trial".*

Role: Principal Investigator, **Amount (PKR):** 1.373 million

Sponsoring Agency: Higher Education Commission, Pakistan.

PATENTS

1. Nalini M, Rajkumar P, Gouru SA, Muppala GP, Chinnam S, **Khan A**.
Title of the invention: Compact Blood Chemistry Analyzer
Patent number: 398951-001
Status: Granted on 29 February 2024
Patent office: India
2. Chinnam S, Refat MS, Alsuhaibani AM, Mishra RK, Kumar DJ, Farid A, **Khan A**, Singh N.
Title of the invention: Smart lot Food Quality Monitoring System
Patent number: 6319238
Status: Granted on 25 October 2023
Patent office: United Kingdom
3. **Khan A**, Mushtaq S, Alshahrani F, Rashah KA, Mopuri R, Chinnam S, Bobbala P, Yallur BC.
Title of the invention: Smart device for the analysis of metabolic disorders
Patent number: 6303315
Status: Granted on 21 August 2023
Patent office: United Kingdom
4. Chinnam S, Farid A, Ullah A, Badar M, Mohaini MHA, Lakkaboyana SK, Mushtaq S, Alsalman AJ, **Khan A**, Hawaj MAI, Almuahini RA.
Title of the invention: Artificial Intelligence device for prediction of diabetes
Patent number: 6301395
Status: Granted on 14 August 2023
Patent office: United Kingdom
5. Chinnam S, Farid A, Chigurupati S, **Khan A**, Kottam N, Zahid S, Paritala RR.
Title of the invention: Wall Mountable Autoclave
Patent number: 6287618
Status: Granted on 15 June 2023
Patent office: United Kingdom
6. Almuhayawi MS, Alruhaili MH, Dhatwalia D, Farid A, **Khan A**, Sah R, Chinnam S, Selim S, Ullah I, Zahid S.
Title of the invention: A system for the synthesis and antioxidant activity of novel iminophosphoranes
Patent number: 202023102486
Status: Granted on 22 May 2023
Patent office: Germany
7. Iqrar A, Godran AA, Chinnam S, Farid A, **Khan A**, Pannipara M, Patel H, Sah R.
Title of the invention: A system for the synthesis and biological evaluation of novel urea analogues
Patent number: 202023100373
Status: Granted on 09 February 2023
Patent office: Germany

CLINICAL TRIALS REGISTRATION

1. Hafsa Kanwal and Amjad Khan
Trial Registered in ANZCTR (Australian New Zealand Clinical Trial Registry)
Registration Number: ACTRN12622000234718
Date of registration: 09-02-2022 Current status: In progress
Link:
<https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=12622000234718>

2. Hafsa Kanwal and Amjad Khan
Trial Registered in IRCT (Iranian Registry of Clinical Trials)
Registration Number: IRCT20220516054875N1
Date of registration: 23-05-2022 Current status: In progress
Link: <https://www.irct.ir/trial/63607>
3. Umm-e-Kalsoom and Amjad Khan
Trial Registered in ANZCTR (Australian New Zealand Clinical Trial Registry)
Registration Number: ACTRN12622000996763
Date of registration: 15-07-2022 Current status: In progress
Link: <https://www.anzctr.org.au/Trial/Registration/TrialReview.aspx?ACTRN=12622000996763>

HONORS/AWARDS

Quaid-i-Azam University Best Performance Award for the year 2022-2023.
Gold Medal and Merit Certificate awarded by Gomal University on achieving First-Class First-Position in Doctor of Pharmacy (Pharm.D.) Degree, Session (2007-2012).
Merit Scholarship throughout Pharmacy Career.
University of Oslo, Norway; The University of Edinburgh, UK; & Universiti Sains Malaysia (USM), Malaysia **approved international supervisor** for assisting/co-supervising research students.
Six Months Research Fellowship at UoN Chair of Oman's Medicinal Plants and Marine Natural Products, funded by University of Nizwa, Sultanate of Oman.
Prime Minister's Fee Reimbursement and Laptop Distribution Scheme for facilitating young talented graduates to improve Higher Education for the academic year 2013-14.
USM PhD Fellowship [Ref. no. P-FD0011/15(R)] awarded by Universiti Sains Malaysia.
Nominee USM Vice Chancellor Award for the year 2015.
Registered Pharmacist, KP Pharmacy Council, Peshawar, Pakistan.
Higher Education Commission (HEC) approved PhD Supervisor.
Current Universal Scientific Education and Research Network (USERN) Ambassador for Pakistan (<https://usern.tums.ac.ir/Info/Executives>).
Part of the Judging Panel for the 2023 QS Reimagine Education Awards (10th edition of **QS Reimagine Education Awards**).

HEC APPROVED PhD SUPERVISOR

In recognition of my teaching/research achievements, the Higher Education Commission (HEC) of Pakistan has awarded me the status of 'Accredited PhD Supervisor' to supervise M.Phil. & PhD level research projects.

PhD & M.Phil. RESEARCH THESIS SUPERVISED		
PhD Thesis Presently under Supervision:	05	
M.Phil. Thesis Supervised:	22	
M.Phil. Thesis Presently under Supervision:	03	
<u>International students' Co-supervision</u>		
M.Phil. Thesis Co-supervised:	01	
PhD Thesis presently under Co-supervision:	03	
PhD students under supervision		
Status: In progress		
S. No.	Student's Name	Year
1.	Umm-e-Kulsoom Thesis title: <i>Pharmacist-led intervention for disease management and risk reduction in patients with ischemic heart disease</i>	2019

2.	Hafsa Kanwal Thesis title: <i>Evaluation and management of COPD and other comorbidities in COPD patients by dispensing pharmaceutical care following the Gold guidelines 2020: a prospective clinical trial</i>	2019	
3.	Sameen Abbas Thesis title: <i>Impact of High-resolution Manometry on Diagnosis, classification and treatment of Achalasia</i>	2020	
4.	Kiran Hameed Thesis title: <i>Impact of Hydrogen Breath Testing on Small Intestinal Bacterial Outgrowth (SIBO): Diagnosis, Treatment, and Quality of Life</i>	2021	
5.	Khanzada Sheraz Khan Thesis title: <i>Assessment of Predisposing Risk Factors and Non-Surgical Management Options for Degenerative Lumbar Spinal Stenosis (DLSS) in Pakistan: Developing an Evidence-Based, Individually Tailored, Multidisciplinary Approach Contextualized for the Healthcare System</i>	2021	
M.Phil. Thesis Supervised Status: Completed			
S. No.	Student's Name	Thesis Title	Year
1.	Sehrish Saeed	<i>Assessment of Treatment Outcomes, Depression and Quality of life among Ulcerative Colitis Patients at Tertiary Care Hospital in Pakistan</i>	2025
2.	Muhammad Abbas	<i>Assessing Adverse Events of Sorafenib, its Impact on Quality of Life and Treatment Cost in Advanced Hepatocellular Carcinoma</i>	2025
3.	Marina Khan	<i>Assessment of Frequency, Types and Predictors of Drug-Related Problems in Neurosurgical Patients at Tertiary Care Hospitals in Pakistan</i>	2025
4.	Hesham Ahmed Kaid Al-Odaini (from Yemen)	<i>Knowledge, Attitude and Perception of Parents Towards Childhood Vaccination in Sana'a Yemen</i>	2024
5.	Ali Mohammad Ahmed Al-Subari (from Yemen)	<i>Evaluation of Drug Prescription Pattern in Health Care Setting Against WHO Prescribing Indicators: Data from Pakistan and Yemen</i>	2024
6.	Abdul Samad	<i>Evaluation of Short Term Complications and Quality of Life in Patients with Cardiac Implantable Electronic Devices</i>	2024
7.	Ammara Nazir	<i>Empowering Maternal Health: A Critical Analysis of Self-medication Practices Among Pregnant Women in Swabi, Khyber Pakhtunkhwa</i>	2024
8.	Muhammad Asif	<i>Inadequate Health Literacy Level, a Barrier to Self-care: A Cross-Sectional Study on Assessment of Health Literacy Level in Patients Visiting Community Pharmacies in Pakistan</i>	2024
9.	Anum Yousaf Mughal	<i>Study of Prescription Errors and Role of Pharmacist in E-prescribing System in Pakistan</i>	2024

10.	Nabiha Akram	<i>A Pharmacovigilance Study of Antidiabetic Drugs in Diabetic Hypertensive Patients and the Impact of Pharmacist in ADR Reporting in Pakistan</i>	2024
11.	Dua Sadaf Abbasi	<i>The co-occurrence of ASD ad ADHD in pediatric population and the role of clinicians and parents in the management of neurodevelopmental disorders</i>	2023
12.	Mariam Asjad	<i>Determination of the Incidence of Neonatal Sepsis, its Risk Factors, Prescribing Trends of Antimicrobials Use, and Clinical Outcomes in Neonatal Intensive Care Unit</i>	2023
13.	Laiba Aamir	<i>Assessment of Treatment Outcomes of Anti-epileptic Drugs and Quality of Life in Epileptic Patients of Pakistan</i>	2023
14.	Neelam Akbar	<i>Prevalence of Complications in Shunted Hydrocephalic patients and the Impact of Disease on Health-Related Quality of Life of Patients</i>	2023
15.	Sadia Ghulam Hussain	<i>Prevalence and management of Anemia and impact of treatment burden on Health-Related Quality of Life in CKD and Dialysis patients</i>	2022
16.	Ayesha Raza Butt	<i>Study of Cytokine IL-10 in COVID-19 patients and role of Pharmacist in dispelling myths regarding COVID-19 vaccination</i>	2022
17.	Asima Bibi	<i>IL-15 expression in COVID-19 patients and knowledge, attitude and perception of Pakistanis towards COVID-19 vaccination</i>	2022
18.	Ada Zahra Naqvi	<i>Impact of SGLT2 inhibitor (Empagliflozin) on HbA1c, weight and fasting lipid profile in type II diabetic patients in local population of Pakistan</i>	2021
19.	Khanzada Sheraz Khan	<i>Knowledge and Attitude of Healthcare Professionals to GINA Guidelines 2020 and Assessment of Medication Adherence of Asthmatic Patients</i>	2021
20.	Kiran Hameed	<i>Management of Hypertension and Prevalence of Depression among Pakistani Hemodialysis Patients</i>	2021
21.	Saima Niazi	<i>Assessment of Impact of Vaccination and Evaluation of Standard Antiretroviral Therapy (ART) with Comorbid Conditions among Pakistani HIV Patients</i>	2021
22.	Salma Bibi	<i>Percutaneous Coronary Intervention with Drug Eluting Stents: A Comparison of Clinical Outcomes and Quality of Life Assessment in Coronary Artery Disease Patients</i>	2021
M.Phil. students under supervision Status: In progress			
23.	Zunnorain		2025
24.	Areesha Noor		2025
25.	Wajid Ali		2025

International students (Co-supervision)			
1	Um-e-Habiba (MS student)	University of Oslo, Norway Thesis Title: Use of antibiotics in animals and humans (commercial poultry and poultry farmers) in rural Pakistan- A One Health quantitative study Status: Completed	2022
2	Ayesha Bibi (PhD student)	The University of Edinburgh, Scotland, UK Thesis title: Breast cancer survivorship care in Pakistan: understanding the current landscape and opportunities for intervention development Status: In progress	2022
3	Tabinda Azim (PhD student)	Universiti Sains Malaysia (USM), Malaysia Thesis Title: Impact of Covid-19 on the patients with Diabetes Mellitus Type-II Status: In progress	2021
4	Muhammad Soaib Said (PhD student)	Universiti Sains Malaysia (USM), Malaysia Thesis Title: Evaluation of management, treatment outcomes, and in-depth analysis of pediatric non-complaint Drug-Resistant Tuberculosis patients in Punjab and Khyber Pakhtunkhwa, Pakistan Status: In progress	2021
<i>Thesis Evaluated as an Expert and/or Defense Conducted: M.Phil./MS/PhD (13)</i>			

BOOK CHAPTERS AUTHORED

1. Abbas, Sameen., **Khan, A.***, Akhtar, T.S., Samad, A., Chinnam, S., Mushtaq, S., Usman, M., Khan, A., Akash, M.S.H. (2024). **Microbiome-Based Treatment for Gastrointestinal Tract Disorders**. In: Khurshid, M., Akash, M.S.H. (eds) Human Microbiome. Springer, Singapore. https://doi.org/10.1007/978-981-97-3790-1_12
2. Khan, Y.H.*, Safdar, A., Butt, M.H., Hafeez, Sara., Ahmad, Abrar., Misbah, Shahzadi., Khan, Rahima., Salman, M., Mallhi, T.H.*, Khan, T.M., **Khan, A.** (2023). **Pancreatitis Management in Developing Countries**. In: Al-Worafi, Y.M. (eds) Handbook of Medical and Health Sciences in Developing Countries. Springer, Cham. https://doi.org/10.1007/978-3-030-74786-2_25-1
3. **Khan, A.**, Abbas, S., Hameed, K., Mushtaq, S., Mallhi, T.H.*, Khan, Y.H., Akash, MS., Khan, G.M., Butt, M.H., Khan, T.M. (2023). **Alzheimer's Disease Management in Developing Countries**. In: Al-Worafi, Y.M. (eds) Handbook of Medical and Health Sciences in Developing Countries. Springer, Cham. https://doi.org/10.1007/978-3-030-74786-2_44-1
4. Mallhi, T.H., Kanwal, H., Kalsoom, U.E., Mushtaq, S., Akash, MSH., Khan, Y.H., Butt, M.H., Khan, T.M., **Khan, A.*** (2023). **Thyroid Disorder Management in Developing Countries**. In: Al-Worafi, Y.M. (eds) Handbook of Medical and Health Sciences in Developing Countries . Springer, Cham. https://doi.org/10.1007/978-3-030-74786-2_13-1
5. Mallhi, T.H., Ijaz, E., Butt, M.H., Khan, Y.H.*, Shah, S., Rehman, K., Salman, M., Ullah, F., Raja, A.A., **Khan, A.**, Khan, T.M. (2023). **Benign Prostatic Hyperplasia**. In: Al-

- Worafi, Y.M. (eds) Handbook of Medical and Health Sciences in Developing Countries. Springer, Cham. https://doi.org/10.1007/978-3-030-74786-2_87-1
6. **Khan, A.***, Abbas, S., Bibi, A., Mushtaq, S., Khan, G.M., Babar, ZUD. (2023). **Interventions and Public Health Activities Performed by Community Pharmacists**. In: Encyclopedia of Evidence in Pharmaceutical Public Health and Health Services Research in Pharmacy. Springer, Cham. https://doi.org/10.1007/978-3-030-50247-8_140-1
 7. Mallhi, T. H., Butt, M. H., Ahmad, A., Misbah, S., Salman, M., **Khan, A.**, Raja, A. A., & Khan, Y. H. (2022). **Drug-metabolizing enzymes and fate of prodrugs: From function to regulation**. Biochemistry of Drug Metabolizing Enzymes, 125-139. <https://doi.org/10.1016/B978-0-323-95120-3.00005-1>
 8. Khan, Y. H., Bokharee, N., Rasheed, M., Saifullah, A., Khokhar, A., Khan, S. A., **Khan, A.**, & Mallhi, T. H. (2022). **Hormones and drug-metabolizing enzymes: From function to regulation**. Biochemistry of Drug Metabolizing Enzymes, 141-159. <https://doi.org/10.1016/B978-0-323-95120-3.00019-1>
 9. **Khan, A.**, Khan, A., Wahid, A., Mushtaq, S., Khan, Y. H., Maqbool, F., Khan, F. U., Mallhi, T. H., & Khan, G. M. (2022). **Fate of drug-metabolizing enzymes in metabolic diseases**. Biochemistry of Drug Metabolizing Enzymes, 209-230. <https://doi.org/10.1016/B978-0-323-95120-3.00020-8>
 10. Shabbir, A., Niazi, S. G., Rehman, K., Akash, M. S. H., Kamran, S. H., & **Khan, A.** (2022). **Fate of drug-metabolizing enzymes in cardiovascular diseases: Concepts and challenges**. Biochemistry of Drug Metabolizing Enzymes, 231-258. <https://doi.org/10.1016/B978-0-323-95120-3.00006-3>
 11. Kamran, S. H., Rehman, K., Akash, M. S. H., **Khan, A.**, & Laher, I. (2022). **Impact of physiological factors on drug-metabolizing enzymes: From function to regulation**. Biochemistry of Drug Metabolizing Enzymes, 281-304. <https://doi.org/10.1016/B978-0-323-95120-3.00003-8>
 12. Hussain H., Elizbit, Ali I., Mamadalieva N. Z., Abbas G., Ali M., Zaman G., **Khan A.**, Hassan U., & Green I. R. (2022). **Fruitful Decade of Phoma Secondary Metabolites from 2011 to 2020: Chemistry, Chemical Diversity, and Biological Activities**. In: Rai M., Zimowska B., Kövics G.J. (eds) Phoma: Diversity, Taxonomy, Bioactivities, and Nanotechnology. Springer, Cham. https://doi.org/10.1007/978-3-030-81218-8_10
 13. Mallhi T.H., Khokhar A., Khan Y.H., Alotaibi N.H., **Khan A.** (2021). **Endocrine Disrupting Chemicals Induced Childhood Obesity**. In: Akash M.S.H., Rehman K., Hashmi M.Z. (eds) Endocrine Disrupting Chemicals-induced Metabolic Disorders and Treatment Strategies. Emerging Contaminants and Associated Treatment Technologies. Springer, Cham. https://doi.org/10.1007/978-3-030-45923-9_10
 14. **Khan A.**, Kanwal H., Bibi S., Mushtaq S., Khan A., Khan Y.H., Mallhi T.H. (2021). **Volatile Organic Compounds and Neurological Disorders: From Exposure to Preventive Interventions**. In: Akash M.S.H., Rehman K. (eds) Environmental Contaminants and Neurological Disorders. Emerging Contaminants and Associated Treatment Technologies. Springer, Cham. https://doi.org/10.1007/978-3-030-66376-6_10
 15. Mallhi T.H., Saifullah A., Khan Y.H., **Khan A.**, Alotaibi N.H., Alzarea A.I. (2021). **Pathogenesis of Neurodegeneration and Associated Neurological Disorders**. In: Akash M.S.H., Rehman K. (eds) Environmental Contaminants and

- Neurological Disorders. Emerging Contaminants and Associated Treatment Technologies. Springer, Cham. https://doi.org/10.1007/978-3-030-66376-6_1
16. Khan Y.H., Liaqat A., Mallhi T.H., Abid A., Alotaibi N.H., **Khan A.** (2021). **Bacterial Endotoxins and Neurological Disorders: From Exposure to Therapeutic Interventions.** In: Akash M.S.H., Rehman K. (eds) Environmental Contaminants and Neurological Disorders. Emerging Contaminants and Associated Treatment Technologies. Springer, Cham. https://doi.org/10.1007/978-3-030-66376-6_3

INTERNATIONAL LINKAGES ESTABLISHED

1. "Establishment of Sino-Pak Pharmacoeconomics and Outcomes Research Network". Department of Pharmacy Administration and Clinical Pharmacy, School of Pharmacy, Xi'an Jiaotong University (**Link Coordinator:** Dr. Amjad Khan & Prof. Dr. Yu Fang)
2. School of Pharmacy, Universitas 17 Agustus 1945 Jakarta, Indonesia (**Link Coordinator:** Dr. Amjad Khan & Dr. Diana Laila Ramatillah)
3. Division of Pharmacy Practice and Policy, School of Pharmacy, University of Nottingham, University Park, Nottingham, NG7 2RD, United Kingdom (**Link Coordinator:** Dr. Amjad Khan & Dr. Matthew Boyd)
4. Department of Community Medicine and Global Health, University of Oslo, Norway (**Link Coordinator:** Dr. Amjad Khan & Dr. Muhammad Asaduzzaman)
5. Usher Institute for Population Health Sciences and Informatics, The University of Edinburgh, Edinburgh, UK (**Link Coordinator:** Dr. Amjad Khan & Prof. David Weller)
6. Discipline of Clinical Pharmacy, School of Pharmaceutical Sciences, USM, Malaysia (**Link Coordinator:** Dr. Amjad Khan & Dr. Amer Hayat Khan)

MEMBERSHIP OF PROFESSIONAL/SCIENTIFIC SOCIETIES

1. Honorary member: Novel Global Community Educational Foundation (NGCEF) <https://www.ngcef.net/index.php/faculty-staff/faculty-of-science/departments-of-health-sciences> January 2023- to date
2. Pakistan Pharmacy Council (Fellow member) (Since 2012)
3. Universal Scientific Education and Research Network (USERN) Ambassador for Pakistan (<https://usern.tums.ac.ir/Info/Executives>) July 2020- to date
4. ISPOR- The leading professional society for health economics and outcomes research (HEOR) globally. (Membership Number: 3112765)

EDITORIAL EXPERIENCE

1. **Associate Editor** (Frontiers in Endocrinology)
2. **Guest Associate Editor** (Frontiers in Pediatrics) for the research topic: Childhood Vaccination and COVID-19 <https://www.frontiersin.org/research-topics/35504/childhood-vaccination-and-covid-19>
3. **Editorial Board Member (Academic Editor): PLOS ONE** <https://journals.plos.org/plosone/static/editorial-board> 11/2020- to date
4. Editorial Board Member: Women's Health (SAGE Journals) <https://journals.sagepub.com/editorial-board/whe> 9/2024- to date
5. Editorial Board Member (Review Editor): World Journal of Clinical Cases. Number ID: 05227874 <https://www.wjnet.com/2307-8960/index.htm> 2/2021-to date
6. Editorial Board Member (Associate Editor): Global Immunological & Infectious Diseases Review

- <https://giidrjournal.com/about-us/editorial-board> 12/2020-to date
7. Editorial Board Member (Community Reviewer): Frontiers in Public Health
<https://loop.frontiersin.org/people/952230/overview> 11/2020- to date
 8. Editorial Board Member (Community Reviewer): Frontiers in Pediatrics
<https://loop.frontiersin.org/people/952230/overview> 9/2020- to date
 9. Editorial Board Member (Community Reviewer): Frontiers in Medicine
<https://loop.frontiersin.org/people/952230/overview> 6/2020- to date
 10. Editorial Board Member: SCIREA Journal of Clinical Medicine
<http://www.scirea.org/journal/CM> 3/2019- to date
 11. Editorial Board Member: American Journal of Clinical and Experimental Medicine (AJCEM) ISSN: 2330-8125 (Print)
<http://www.sciencepublishinggroup.com/j/ajcem> 9/2017- to date
 12. Editorial Board Member: Current Respiratory Medicine Reviews (CRMR)
<https://benthamscience.com/journals/current-respiratory-medicine-reviews/>
June 2020-to date

COMMUNITY SERVICES

I have actively contributed to community service through various academic and professional roles. I regularly advise students on higher education opportunities, foreign scholarships, and clinical pharmacy services. I have conducted awareness sessions on critical topics such as pharmacoeconomics, pharmacovigilance, and the management of prevalent diseases in Pakistan. Additionally, I have served as an external examiner for Pharm.D, M.Phil, and Ph.D. examinations at several universities, including the University of Baluchistan (Quetta), Kohat University of Science and Technology (KUST), GC University (Faisalabad), Yusra Institute of Pharmaceutical Sciences (Rawalpindi), and Riphah International University (Islamabad).

REVIEWER/EVALUATOR FOR IMPACT FACTOR JOURNALS

I actively serve as a reviewer for a range of high-impact, peer-reviewed journals across disciplines in medicine, public health, pharmacy, and life sciences. These include BMJ Public Health, BMJ Open, The Lancet Regional Health – Southeast Asia, American Journal of Kidney Diseases, PLOS One, PLOS Global Public Health, Heliyon, Environmental Science and Pollution Research, Frontiers journals (in Medicine, Public Health, Pediatrics, Pharmacology, Digital Health, Genetics), Clinical Interventions in Aging, Renal Failure, Therapeutic Apheresis and Dialysis, Patient Preference and Adherence, Journal of Pharmaceutical Policy and Practice, Journal of Pharmaceutical Health Services Research, Exploratory Research in Clinical and Social Pharmacy, European Journal of Clinical Microbiology & Infectious Diseases, Disaster Medicine and Public Health Preparedness, Health Science Reports, International Journal of Psychiatry in Clinical Practice, International Journal of General Medicine, Asian Pacific Journal of Tropical Medicine, Dose-Response, Expert Review of Clinical Pharmacology, Journal of Multidisciplinary Healthcare, and F1000Research. Additionally, I contribute as a reviewer for ISPOR conference abstract submissions.

LINKS TO MY RESEARCH PROFILES

[Web of Science](#)
[ResearchGate](#)
[Google Scholar](#)
[ORCID](#)
[Loop](#)
[LinkedIn](#)

LIST OF PUBLICATIONS

Impact Factor-Listed Publications (Until June 2025): 68

Total Impact Factor (IF): 210

h-index: 21

i10-index: 35

Citations: 1448

First-author papers: 10

***Corresponding-author papers:** 25

1. Said, M. S., Fatima, R., See, O. G., **Khan, A.**, Al-Rawi, M. B. A., Khan, I., & Khan, A. H. (2025). Incidence, Management and Factors Affecting Unsuccessful Treatment Outcomes in Pediatric Multidrug-Resistant Tuberculosis Patients: A Cross-Sectional Retrospective Study in Pakistan. **Infectious Microbes & Diseases**, 10-1097. <https://doi.org/10.1097/IM9.0000000000000182>
2. Wahid, A., Ahmad, N., Saleem, F., **Khan, A.**, Khan, A., Khan, F. U., & Khan, F. U. (2025). Time to sputum culture conversion as a predictor of cure in multidrug-resistant tuberculosis patients: a multicenter retrospective cohort study in Pakistan. **Monaldi Archives for Chest Disease**. April. <https://doi.org/10.4081/monaldi.2025.3200>
3. Dar, M., **Khan, A.*** Aleem, A., JABER, A. A., Hussain, M., & KHAN, G. M. (2025). Evaluation of health-related quality of life of female students suffering from primary dysmenorrhea: Findings of a cross-sectional study from Pakistan. **Frontiers in Public Health**, 13, 1467377. <https://doi.org/10.3389/fpubh.2025.1467377>
4. Abbas, S., Shah, S. S., Akhhtar, T. S., Hameed, K., Mushtaq, S., & **Khan, A.*** (2025). Urdu adaptation and validation of a disease-specific quality-of-life questionnaire in a Pakistani population of Achalasia. **PLOS ONE**, 20(4), e0321933. <https://doi.org/10.1371/journal.pone.0321933>
5. Abbas, S., Akhtar, T. S., Chinnam, S., Mushtaq, S., Ahmad, N., Fang, Y., & **Khan, A.*** (2025). Optimizing achalasia diagnosis in the era of high-resolution manometry: A Pakistani perspective. **JGH Open**, 9(3), e70041. <https://doi.org/10.1002/jgh3.70041>
6. **Khan, A.***, Ahmad, S. Q., Akhtar, T. S., Bushra, H. T., Imran, M., Khan, J. Z., Shah, S., Haddayat, N., Mushtaq, S., Dong, Y., Feng, W., & Fang, Y. (2024). Relationship of difficult endoscopic retrograde cholangiopancreatography cannulation and visual characteristics of papilla. **JGH Open**, 8(12), e70045. <https://doi.org/10.1002/jgh3.70045>
7. **Khan, A.***, Ghulam Hussain, S., Mushtaq, S., Abbas, S., Dong, Y., Feng, W., & Fang, Y. (2024). Prevalence and management of anemia and impact of treatment burden on health-related quality of life in chronic kidney disease and dialysis patients. **Journal of Pharmaceutical Policy and Practice**, 17(1). <https://doi.org/10.1080/20523211.2024.2427779>

8. Azim, T., Khan, A. H., Sadiq, F., Sulaiman, S. A. S., **Khan, A.**, & Ain, Q. (2024). Impact of COVID-19 on nephropathy in diabetes mellitus type-II patients: a systematic literature review and meta-analysis. **BMC Nephrology**, 25(1), 399. <https://doi.org/10.1186/s12882-024-03821-6>
9. Rzymiski, P., Jibril, A. T., Rahmah, L., Abarikwu, S. O., Hashem, F., Lawati, A. A., Martha Morrison, F. M., Marquez, L. P., Mohamed, K., **Khan, A.**, Mushtaq, S., Minakova, K., Poniedzialek, B., Zarębska-Michaluk, D., & Flisiak, R. (2024). Is there still hope for the prophylactic hepatitis C vaccine? A review of different approaches. **Journal of Medical Virology**, 96(9), e29900. <https://doi.org/10.1002/jmv.29900>
10. Khan, A., Akbar, N., Abbas, S., Mushtaq, S., Ahmad, N., & **Khan, A***. (2024). Assessing the quality of life in Hydrocephalic children: A study from Tertiary Care Hospitals in Pakistan. **Neuropediatrics**. <https://doi.org/10.1055/a-2366-8580>
11. Mwango, A., Akhtar, T. S., Abbas, S., Abbasi, D. S., & **Khan, A***. (2024). Effect of artificial intelligence-aided colonoscopy on the adenoma detection rate: A systematic review. **International Journal of Gastrointestinal Intervention**, 13(3), 65-73. <https://doi.org/10.18528/ijgii240013>
12. Yiadom, E. B., Akhtar, T. S., Abbas, S., Abbasi, D. S., & **Khan, A***. (2024). Prevalence, causes and management of gastric varices—a literature review. **Gastroent Hepatol**, 2024; 78(3): 247–258. <https://doi.org/10.48095/ccgh2024247>.
13. Rafique, S., Ahmad, N., Khan, S., **Khan, A.**, Atif, M., Wahid, A., ... Waheed, H. (2024). Frequency, management and impact of adverse events on treatment outcomes in patients with multidrug resistant tuberculosis in Balochistan, Pakistan. **Journal of Pharmaceutical Policy and Practice**, 17(1). <https://doi.org/10.1080/20523211.2024.2332878>
14. Mallhi, T. H., Salman, M., Khan, Y. H., Khan, F. U., Butt, M. H., Ung, C. O., **Khan, A.**, & Aftab, R. A. (2023). Editorial: Childhood vaccination and COVID-19. **Frontiers in Pediatrics**, 11, 1298691. <https://doi.org/10.3389/fped.2023.1298691>
15. Kanwal, H., Khan, S., Eldesoky, G. E., Mushtaq, S., & **Khan, A***. (2023). Management of COPD and Comorbidities in COPD patients by Dispensing Pharmaceutical Care following Global Initiative for chronic Obstructive Lung Disease-Guidelines (GOLD guidelines 2020): A study protocol for a Prospective Randomized Clinical Trial. **Heliyon**, 9(11), e21539. <https://doi.org/10.1016/j.heliyon.2023.e21539>
16. Mansoor, S., Butt, AR., Bibi, A., Mushtaq, S., Ullah, I., Alshahrani, F., Mansoor, A., **Khan, A***. (2023). Expression of IFN-Gamma is significantly reduced during severity of covid-19 infection in hospitalized patients. **PLOS ONE**, 18(9), e0291332. <https://doi.org/10.1371/journal.pone.0291332>

17. Habiba, UE., **Khan, A.**, Mmbaga, EJ., Green, IR., Asaduzzaman, M. (2023). Use of antibiotics in poultry and poultry farmers- A cross-sectional survey in Pakistan. **Frontiers in Public Health**, 11, 1154668.
<https://doi.org/10.3389/fpubh.2023.1154668>
18. Hayat, M., Ahmad, N., Khan, S. L. A., Mohkumuddin, S., Siddique, W., **Khan, A.**, & Atif, M. (2023). Pattern, frequency and factors associated with inappropriate high dosing in chronic kidney disease patients at a tertiary care hospital in Pakistan. **BMC Nephrology**, 24(1), 118. <https://doi.org/10.1186/s12882-023-03167-5>
19. Hameed, K., Chinnam, S., Khan, KS., Mushtaq, S.,.....& **Khan, A***. (2023). Evaluation of hypertension control among hemodialysis patients in Pakistan: a prospective follow-up study. **Blood Pressure Monitoring**, 10-1097.
<http://doi.org/10.1097/MBP.0000000000000656>
20. Hayat, M., Ahmad, N.*, Mohkumuddin, S., Khan, S.L.A., Khan, A.H, Haq, N.U., Haque, N., **Khan, A.** (2023). Frequency, types and predictors of drug therapy problems among non-dialysis chronic kidney disease patients at a tertiary care hospital in Pakistan. **PLoS ONE**, 18(4), e0284439.
<https://doi.org/10.1371/journal.pone.0284439>
21. Bibi, A., Abbas, S., Mushtaq, S., Mansoor, A., Green, I. R., Mallhi, T. H., ... & **Khan, A***. (2023). Knowledge, Attitudes and Perceptions towards COVID-19 Vaccinations: A Cross-Sectional Survey in Pakistan. **Medicina**, 59(2), 272.
<https://doi.org/10.3390/medicina59020272>
22. Bibi, S., **Khan, A.***, Khan, A. H., Khan, M. N., Mushtaq, S., & Rashid, S. A. (2022). Primary percutaneous coronary intervention in CAD patients: A comparison of major adverse cardiovascular events of second-and third-generation drug-eluting stents. **Frontiers in Pharmacology**, 13.
<https://doi.org/10.3389/fphar.2022.900798>
23. Saleem, S. S., **Khan, A.***, Aman, R., Saleem, S. S., Bibi, A., Ahmad, N., ... & Shah, K. U. (2022). Impact of pharmacist-led educational intervention on knowledge of self-management among asthmatic patients: a prospective cohort study. **BMJ Open**, 12(6), e058861. <http://dx.doi.org/10.1136/bmjopen-2021-058861>
24. Khan, Y. H., Mallhi, T. H., Alanazi, A. S., Butt, M. H., **Khan, A.**, & Salman, M. (2022). Outbreak of Acute Hepatitis of Unknown etiology in Children; The Critical Role of Healthcare Professionals in Neutralizing Misleading Narratives during the COVID-19 Pandemic. **Journal of Medical Virology**, 94, 4063-4.
<https://doi.org/10.1002/jmv.27819>
25. Mushtaq, S., Hashmi, A. H., **Khan, A.**, Asad Raza Kazmi, S. M., & Manzoor, S. (2022). Emergence and Persistence of Resistance-Associated Substitutions in HCV GT3 Patients Failing Direct-Acting Antivirals. **Frontiers in Pharmacology**, 1289. <https://doi.org/10.3389/fphar.2022.894460>

26. Khan, F. U., **Khan, A.**, Khan, F. U., Hayat, K., Chang, J., Khalid, W., ... & Fang, Y. (2022). Assessment of adverse drug events, their risk factors, and management among patients treated for multidrug-resistant TB: A prospective cohort study from Pakistan. **Frontiers in Pharmacology**, 1270. <https://doi.org/10.3389/fphar.2022.876955>
27. **Khan, A.***, Bibi, S., Kanwal, H., & Hussain, H. (2022). Omicron: a new face of COVID-19 pandemic. **Health Science Reports**, 5(2). <https://doi.org/10.1002/hsr2.526>
28. Khan, F. U., Rehman, A. U., Khan, F. U., Hayat, K., **Khan, A.**, Ahmad, N., ... & Fang, Y. (2022). Assessment of Factors Associated with Unfavorable Outcomes among Drug-Resistant TB Patients: A 6-Year Retrospective Study from Pakistan. **International Journal of Environmental Research and Public Health**, 19(3), 1574. <https://doi.org/10.3390/ijerph19031574>
29. Mohamed, K., Rzymiski, P., Islam, M. S., Makuku, R., Mushtaq, A., **Khan, A.**, ... & Rezaei, N. (2022). COVID-19 vaccinations: The unknowns, challenges, and hopes. **Journal of Medical Virology**, 94(4), 1336-1349. <https://doi.org/10.1002/jmv.27487>
30. Naz, F., Ahmad, N., Wahid, A., Ahmad, I., **Khan, A.**, Abubakar, M., ... & Ghafoor, A. (2021). High rate of successful treatment outcomes among childhood rifampicin/multidrug-resistant tuberculosis in Pakistan: a multicentre retrospective observational analysis. **BMC Infectious Diseases**, 21(1), 1-11. <https://doi.org/10.1186/s12879-021-06935-6>
31. Khan, F. U., **Khan, A.**, Shah, S., Hayat, K., Usman, A., Khan, F. U., ... & Fang, Y. (2021). Exploring Undergraduate Pharmacy Students Perspectives Towards Antibiotics Use, Antibiotic Resistance, and Antibiotic Stewardship Programs Along With the Pharmacy Teachers' Perspectives: A Mixed-Methods Study From Pakistan. **Frontiers in Pharmacology**, 12. <https://doi.org/10.3389/fphar.2021.754000>
32. Akbar, Z., Rehman, S., Khan, A., **Khan, A.**, Atif, M., & Ahmad, N. (2021). Potential drug-drug interactions in patients with cardiovascular diseases: findings from a prospective observational study. **Journal of Pharmaceutical Policy and Practice**, 14(1), 1-9. <https://link.springer.com/article/10.1186/s40545-021-00348-1>
33. Hussain, H., Ali, I., Wang, D., Hakkim, F. L., Westermann, B., Ahmed, I., Ashour, M.A., **Khan, A.**, ... & Shah, S. T. A. (2021). Glycyrrhetic acid: A promising scaffold for the discovery of anticancer agents. **Expert Opinion on Drug Discovery**, 16(12), 1497-1516. <https://doi.org/10.1080/17460441.2021.1956901>
34. Bibi, S., **Khan, A.***, Nadeem, A., Mushtaq, S., & Khan, G. M. (2021). Assessment of utility values and QALYs after primary PCI with DP-Xience and BP-Biomatrix

- stents. **PLOS ONE**, 16(6), e0253290.
<https://doi.org/10.1371/journal.pone.0253290>
35. Abubakar, M., Ahmad, N., Ghafoor, A., Latif, A., Ahmad, I., Atif, M., Saleem F., Khan, S., **Khan, A.**, ... & Khan, A. H. (2021). Treatment outcomes of extensively drug-resistant tuberculosis in Pakistan: a countrywide retrospective record review. **Frontiers in Pharmacology**, 12, 640555.
<https://doi.org/10.3389/fphar.2021.640555>
36. Ahmed, A., Saqlain, M., Bashir, N., Dujaili, J., Hashmi, F., Mazhar, F., **Khan, A.**, ... & Awaisu, A. (2021). Health-related quality of life and its predictors among adults living with HIV/AIDS and receiving antiretroviral therapy in Pakistan. **Quality of Life Research**, 30(6), 1653-1664. <https://doi.org/10.1007/s11136-021-02771-y>
37. Khan, F. U., Khan, F. U., Hayat, K., Ahmad, T., **Khan, A.**, Chang, J., ... & Fang, Y. (2021). Knowledge, attitude, and practice on antibiotics and its resistance: A two-phase mixed-methods online study among Pakistani community pharmacists to promote rational antibiotic use. **International Journal of Environmental Research and Public Health**, 18(3) 1320.
<https://doi.org/10.3390/ijerph18031320>
38. **Khan, A.***, Bibi, A., Sheraz Khan, K., Raza Butt, A., Alvi, H. A., Zahra Naqvi, A., ... & Ahmad, N. (2020). Routine pediatric vaccination in Pakistan during COVID-19: how can healthcare professionals help? **Frontiers in Pediatrics**, 8, 859.
<https://doi.org/10.3389/fped.2020.613433>
39. Chatha, Z. F., Rashid, U., Olsen, S., Din, F. U.*, **Khan, A.***, Nawaz, K., Gan, S. H., & Khan, G. M.* (2020). Pharmacist-led counselling intervention to improve antiretroviral drug adherence in Pakistan: a randomized controlled trial. **BMC Infectious Diseases**, 20(1), 1-10. <https://doi.org/10.1186/s12879-020-05571-w>
40. Mushtaq, S., Akhter, T. S., **Khan, A.***, Sohail, A., Khan, A.*, & Manzoor, S. (2020). Efficacy and safety of generic sofosbuvir plus daclatasvir and sofosbuvir/velpatasvir in HCV genotype 3-infected patients: real-world outcomes from Pakistan. **Frontiers in Pharmacology**, 11, 550205.
<https://doi.org/10.3389/fphar.2020.550205>
41. Mallhi, T. H., Khan, Y. H., Alotaibi, N. H., Alzarea, A. I., Tanveer, N., & **Khan, A.** (2020). Celebrating Eid-ul-Adha in the era of the COVID-19 pandemic in Pakistan: potential threats and precautionary measures. **Clinical Microbiology and Infection**, 26(12), 1714-1715. <https://doi.org/10.1016/j.cmi.2020.07.019>
42. Ahmad, N., Wahid, A., Khan, A., Atif, M., & **Khan, A.** (2020). Evaluation of management and factors associated with hypertension control in hemodialysis patients at a tertiary-care hospital in Pakistan. **Drugs & Therapy Perspectives**, 36(9), 396-403. <https://doi.org/10.1007/s40267-020-00763-5>

43. Mushtaq, S., Mansoor, A., Umar, M., **Khan, A.**, Siddiqi, S., & Manzoor, S. (2020). Direct-acting antiviral agents in the treatment of chronic hepatitis C—Real-life experience from clinical practices in Pakistan. **Journal of Medical Virology**, 92(12), 3475-3487. <https://doi.org/10.1002/jmv.25745>
44. Mallhi, T. H., Khan, Y. H., **Khan, A.**, Alotaibi, N. H., Alzarea, A. I., & Hashmi, F. K. (2019). The association of HIV and easy access to narcotics in Pakistan; calling drug policy makers. **Journal of Pharmaceutical Policy and Practice**, 12(1), 1-4. <https://doi.org/10.1186/s40545-019-0199-5>
45. Rehman, N. U., Hussain, H., Ali, L., **Khan, A.**, Mabood, F., Shinwari, Z. K., ... & Al-Harrasi, A. (2019). Chemical constituents of acridocarpus orientalis and their chemotaxonomic significance. **Chemistry of Natural Compounds**, 55(3), 586-588. <https://doi.org/10.1007/s10600-019-02752-1>
46. **Khan, A.***, Khan, A. H., Adnan, A. S., Sulaiman, S. A. S., & Mushtaq, S. (2019). Prevalence and predictors of depression among hemodialysis patients: a prospective follow-up study. **BMC Public Health**, 19(1), 1-13. <https://doi.org/10.1186/s12889-019-6796-z>
47. **Khan, A.***, Khan, A. H., Adnan, A. S., Sulaiman, S. A. S., Mushtaq, S., Ahmad, N., & Khan, I. (2019). Hypertension control among euvoletic hypertensive hemodialysis patients in Malaysia: a prospective follow-up study. **Journal of Pharmaceutical Policy and Practice**, 12(1), 1-13. <https://doi.org/10.1186/s40545-019-0169-y>
48. **Khan, A.***, Khan, A. H., Adnan, A. S., Sulaiman, S. A. S., Ahmad, N., & Gan, S. H. (2019). Evaluation of factors affecting time to achieve dry weight among hemodialysis patients using bioimpedance spectroscopy. **Irish Journal of Medical Science (1971-)**, 188(1), 311-319. <https://doi.org/10.1007/s11845-018-1813-2>
49. Ahmad, N., Khan, A. H., Khan, I., **Khan, A.**, & Atif, M. (2018). Doctors' knowledge of hypertension guidelines recommendations reflected in their practice. **International Journal of Hypertension**, 2018. <https://doi.org/10.1155/2018/8524063>
50. Khan, I., Khan, A. H., Adnan, A. S., Sulaiman, S. A. S., Hamzah, A. B. A., Ahmed, N., & **Khan, A.** (2018). Effect of socio-demographic factors on endogenous biomarkers (cystatin C and creatinine) among elderly chronic kidney disease patients: a cross-sectional study. **International Urology and Nephrology**, 50(6), 1113-1121. <https://doi.org/10.1007/s11255-018-1834-9>
51. Bitar, A. N., Khan, A. H., **Khan, A.** (2018). Clinical assessment, evaluation, and categorization of medication errors. **International Journal of Biology, Pharmacy and Allied Sciences**, 7(12), 2104-2119. <https://doi.org/10.31032/IJBPAS/2018/7.12.4601>

52. Wahab, A., Khan, G. M., Sharifi, M., Khan, A., **Khan, A.**, & Khan, N. (2018). Preparation, solid state characterization and evaluation of ketoprofen-glucosamine HCl solid dispersions. **Archives of Pharmacy and Pharmaceutical Sciences**, 2: 010-019. <https://www.heighpubs.org/hps/apps-aid1007.php>
53. Rehman, F. U., Shah, K. U., Shah, S. U., Khan, I. U., Khan, G. M., & **Khan, A.** (2017). From nanoemulsions to self-nanoemulsions, with recent advances in self-nanoemulsifying drug delivery systems (SNEDDS). **Expert Opinion on Drug Delivery**, 14(11),1325-1340. <https://doi.org/10.1080/17425247.2016.1218462>
54. **Khan, A.***, Khan, A., Wazir, N. N., Ullah, N., & Khan, O. H. (2017). Relapse multifocal osteomyelitis secondary to septicemia: A case study. **Archives of Pharmacy Practice**, 8(1), 31-34. <https://archivepp.com/article/relapse-multifocal-osteomyelitis-secondary-to-septicemia-a-case-study>
55. Daar, J., Khan, A., Khan, J., **Khan, A.**, & Khan, G. M. (2017). Studies on self-nanoemulsifying drug delivery system of flurbiprofen employing long, medium and short chain triglycerides. **Pak. J. Pharm. Sci**, 30(2), 601-606.
56. Khan, A., Khan, J., Irfan, M., Naqvi, S. B. S., Khan, G. M., Shoaib, M. H., ... & **Khan, A.** (2017). Validation and application of high performance liquid chromatographic method for the estimation of metoclopramide hydrochloride in plasma. **Pak J Pham Sci**, 30(1), 143-147.
57. **Khan, A.***, Khan, A. H., Adnan, A. S., Sulaiman, S. A., & Khan, I. (2017). Dry-Weight Assessment Among Hemodialysis Patients Using Body Composition Monitor. **Value in Health**, 20(9), A864. <https://doi.org/10.1016/j.jval.2017.08.2509>
58. Iftikhar, T., Rauf, M. K., Sarwar, S., Badshah, A., Waseem, D., Tahir, M. N., **Khan, A.**, ... & Khan, G. M. (2017). Structural elucidation and bioassays of newly synthesized pentavalent antimony complexes. **Journal of Organometallic Chemistry**, 851, 89-96. <https://doi.org/10.1016/j.jorganchem.2017.09.002>
59. Dar, M. J., Ali, H., **Khan, A.**, & Khan, G. M. (2017). Polymer-based drug delivery: the quest for local targeting of inflamed intestinal mucosa. **Journal of drug targeting**, 25(7), 582-596. <https://doi.org/10.1080/1061186X.2017.1298601>
60. Siddiqui, M. A., **Khan, A.**, & Zaka, M. (2016). A review of structure activity relationship of amiodarone and its derivatives. **Open Journal of Medicinal Chemistry**, 6(02), 37. 10.4236/ojmc.2016.62003
61. **Khan, A.***, Khan, A. H., Adnan, A. S., Syed Sulaiman, S. A., Gan, S. H., & Khan, I. (2016). Management of patient care in hemodialysis while focusing on cardiovascular disease events and the atypical role of hyper-and/or hypotension: a systematic review. **BioMed Research International**, 2016. <https://doi.org/10.1155/2016/9710965>

62. **Khan, A.**, Raja, M. H., Khan, A., Khan, M. W., & Khan, G. M. (2016). Synthesis and Assessment of a New Tetrahydrogeraniol Derivative as Penetration Enhancer for Transdermal Drug Delivery. **Journal of Glycomics and Metabolism**, 1(1), 45-53.
63. Hussain, H., Jabeen, F., Al-Harrasi, A., Ahmad, M., Mabood, F., Hussain, J., Hassan, Z., Rehman, N., Green, I. R., **Khan, A.**, ... & Krohn, K. (2015). Seimisochromenes A and B: two new dihydroisochromenes from the endophytic fungus, Seimatosporium sp. **Journal of Asian natural products research**, 17(4), 348-351. <https://doi.org/10.1080/10286020.2014.972383>
64. Hussain, H., Krohn, K., Al-Harrasi, A., Kouam, S. F., Abbas, G., Raees, M. A., Badshah, A., Shah, A., Zahoor, A., **Khan, A.**,... & Schulz, B. (2015). Microdiplanol and microdiplane: a new m-anisaldehyde and a new 24-methylcholestanol derivative from the endophytic fungus Microdiplodia sp. **Journal of Asian natural products research**, 17(7), 733-737. <https://doi.org/10.1080/10286020.2014.989221>
65. Khan A., CH, M. I., Khan, J., Khan, G. M., Hanif, M., & **Khan, A.** (2015). Formulation development and in vitro characterization of sustained release matrix tablets of verapamil HCl using synthetic and natural polymers. **Lat. Am. J. Pharm**, 34(2), 277-82.
66. Hussain, A., Khan, G. M., Khan, N. R., **Khan, A.**, Rehman, S., Asif, H. M., ... & Yusuf, A. L. I. (2015). Transdermal Diclofenac Potassium Gels: Natural Penetration Enhancers, Can Be Effective? **Lat. Am. J. Pharm**, 34(5), 1022-9.
67. Hussain, H., Root, N., Jabeen, F., Al-Harrasi, A., Al-Rawahi, A., Ahmad, M., Hassan, Z., Abbas, G., Mabood, F., Shah, A., Badshah, A., **Khan, A.**, ... & Krohn, K. (2014). Seimatoric acid and colletonoic acid: Two new compounds from the endophytic fungi, Seimatosporium sp. and Colletotrichum sp. **Chinese Chemical Letters**, 25(12), 1577-1579. <https://doi.org/10.1016/j.ccllet.2014.06.006>
68. Wahab, A., **Khan, A.**, & Khan, G. M. (2013). Preparation and evaluation of solid dispersions of ibuprofen using glucosamine HCl as a carrier. **British Journal of Pharmaceutical Research**, 3(4), 722-733. <http://www.sciencedomain.org/review-history.php?iid=234&id=14&aid=1551>

PAPERS PRESENTED IN INTERNATIONAL CONFERENCES

1. **Khan, A.**, Yu Fang. Assessing the Role of Parents and Clinicians in Evaluating the Co-occurrence of Autism Spectrum Disorder and Attention Deficit Hyperactivity Disorder in the Pediatric Population of Pakistan. Poster presentation at the 23rd Asian Conference on Clinical Pharmacy (ACCP 2024), July 25-28, 2024, Hong Kong.
2. **Khan, A. (Invited Speaker)**. High-Resolution Manometry (a Gold Standard) for Diagnosis and Classification of Achalasia. Oral presentation at the 1st International Conference on innovations in chemistry, Biochemistry, Biotechnology & Bioinformatics (ICBBB-2022), December 15-17, 2022, The Islamia University of Bahawalpur (IUB), Pakistan.

3. **Khan, A. (Invited Speaker).** Knowledge, attitude and perception of Pakistani population towards COVID-19 vaccination and role of Pharmacist in dispelling vaccine myths. Oral presentation at the the 2nd International Seminar & Call For Paper (ISCP) UTA 45 Jakarta on “Promotive, Preventive, and Early Detection of Covid 19”, December 18-19, 2021, UTA 45 Jakarta, Indonesia.
4. **Khan, A. (Invited Speaker).** Healthcare products Use: Pharmacovigilance & Pharmacoeconomics-Evidence based selection. Oral presentation at the 11th Public Annual Public Health Conference, Sep 23-34, 2021, Health Services Academy (HSA), Islamabad, Pakistan.
5. **Khan, A. (Invited Speaker).** Routine pediatric vaccination in Pakistan during COVID-19: How can healthcare professionals help? Oral presentation at the 1st International Seminar & Call For Paper (ISCP) on “Herbal Medicine for Covid-19 and How To Overcome With Pandemic Situation”, December 05-6, 2020, UTA 45 Jakarta, Indonesia.
6. **Khan, A., (Invited Speaker) & Mushtaq, S.** Assessment of depression among hemodialysis patients in different dialysis facilities. Oral presentation at International Scientific Drug Conference of Asia on “Research, Development and Innovations for Global Healthcare”, October 17, 2020, ST. Dominic College of Asia, Philippines.
7. **Khan, A., (Invited Speaker) Khan, A.H., & Mushtaq, S.** A comparative study on depression among hemodialysis patients in different dialysis facilities. Oral presentation at 20th International Pharmacy Conference & Exhibition (IPCE) on Recent Advancements, Future Trends & Challenges in Pharmacy, 27-30th October 2019, PC Hotel, Lahore, Pakistan.
8. **Khan, A., Khan, A. H., Sulaiman, S. A., Adnan, A. S., & Mushtaq, S.** Prevalence and evaluation of factors associated with depression among hemodialysis patients. [Oral presentation (Abstract code: OPP24) at 1st JoPPP Conference on Pharmaceutical Policy and Practice Research, 28-29th August 2019, Concorde Hotel, Shah Alam, Selangor, Malaysia.
9. **Khan, A., (Invited Speaker) Khan, A.H., & Mushtaq, S.** Evaluation of factors associated with late Dry-weight achievement among hemodialysis patients: Bioimpedance spectroscopy interpretation. 3rd International Conference on Recent Advancement in Pharmaceutical Research and Drug Delivery QAU Islamabad, Pakistan. Feb 19-20, 2019.
10. **Khan, A., Khan, A. H., Sulaiman, S. A., Adnan, A. S., & Khan, I.** Effect of calcium channel blockers on blood pressure in hypertensive hemodialysis patients. [Oral Presentation (Abstract code: ABS-214) at 17th Asian Conference on Clinical Pharmacy (ACCP 17), 28-30th July 2017, Yogyakarta, Indonesia].
11. **Khan, A. (Invited Speaker).** Healthcare products Use: Pharmacovigilance & Pharmacoeconomics-Evidence based selection. Oral presentation at the 11th Public Annual Public Health Conference on “Contemporary Medicines, Health Technologies and Vaccines for Emerging Public Health Risks”, September 23-24th, 2021, Health Services Academy, Islamabad, Pakistan.
12. **Khan, A., Khan, A. H., Adnan, A. S., Sulaiman, S. A., & Khan, I. (2017).** Dry-Weight Assessment Among Hemodialysis Patients Using Body Composition Monitor. Value in Health, 20(9), A864. (Abstract code: PMD4). Poster presented at ISPOR

6th Latin America Conference, September 15-17th, 2017, Brazil. DOI:
<https://doi.org/10.1016/j.jval.2017.08.2509> (IF: 5.725).

13. Khan, I., Khan, A. H., Adnan, A. S., Aftab, R. A., & **Khan, A.** Effect of BMI on Serum Cystatin C among Elderly CKD type 2 Diabetic Patients (Abstract code: PP1630). Poster presented at International Conference on Pharmacy Education & Practice (ICPEP), 29-31 January 2016, Batu Feringghi Penang, Malaysia.
14. Khan, I., Khan, A. H., Adnan, A. S., Aftab, R. A., & **Khan, A.** Usefulness of Serum Cystatin C in Malaysian Elderly CKD Patients with type2 Diabetes Mellitus and Nephropathy. [Oral Presentation (Abstract code: PO1625) at International Conference on Pharmacy Education & Practice (ICPEP), 29-31 January 2016, Batu Feringghi Penang, Malaysia].
15. Khan, I., Adnan, A. S., Khan, A. H., & **Khan, A.** Role of Cystatin C in renal impairment among elderly CKD patients with type 2 Diabetes Mellitus (Abstract code: PP07). Poster Presented at 32nd Annual Congress of Malaysian Society of Nephrology, 29th April-1st May 2016, Persada Johor International Convention Centre, Johor Bahru, Malaysia.
16. **Khan, A.**, Adnan, A. S., Khan, A. H., & Khan, I. Determination of optimal timing for blood pressure measurement in the management of Hypertensive Hemodialysis patients by using Body Composition Monitoring (BCM). (Abstract code: PP43). Poster Presented at 32nd Annual Congress of Malaysian Society of Nephrology, 29th April-1st May 2016, Persada Johor International Convention Centre, Johor Bahru, Malaysia.

International Conferences, Seminars, and Workshops Organized

1. **Organizer of:** Scientific session on "Publishing high quality research: What you need to know" sponsored by QAU Pakistan & University of Huddersfield, UK on July 26, 2022.
2. **Organizer of:** 4th International Conference (virtual) on "Integrative multidisciplinary nanomedicine: a game changing strategy for emerging infectious diseases" sponsored by WHO Pakistan and ORIC QAU, Islamabad Pakistan on October 10, 2020.
3. **Organizer of:** 02-Days 3rd International Conference on "Recent Advancement in Pharmaceutical Research and Drug Delivery" sponsored by HEC, Pakistan on Feb 19-20, 2019.

Conferences, Seminars, and Workshops Attended:

I have actively participated in a wide range of national and international conferences, seminars, and workshops. Notable among these are the FIP Online Course on Digital Health in Pharmacy (International Pharmaceutical Federation, May 2023), and the International Seminar on "Improving Stroke Care in Low and Middle Income Countries" (COMSTECH-ICCBS, Jan 2022). I presented at the 2nd International Seminar & Call for Papers (ISCP) and the 1st ISCP organized by UTA 45 Jakarta, Indonesia (2021, 2020). I attended the 11th Annual Public Health Conference at the Health Services Academy, Islamabad (2021), supported by UK Aid and UNICEF. I also participated in the International Scientific Drug Conference of Asia (ST. Dominic College of Asia, Philippines, Oct 2020), the 4th International Conference on Integrative Multidisciplinary Nanomedicine at Quaid-i-Azam University (Oct 2020), and the 20th International Pharmacy Conference & Exhibition (Pakistan Pharmacists Association, Lahore, Oct 2019). Additional engagements include the 1st JoPPP Conference on Pharmaceutical Policy and Practice Research in Malaysia (Aug 2019), 3rd International

Conference on Pharmaceutical Research and Drug Delivery (QAU, 2019), and several capacity-building seminars and workshops such as the National Seminar on Intellectual Property System of Pakistan (QAU, 2018), Cochrane Systematic Review Workshop at Universiti Sains Malaysia (2015), and the 2nd International Workshop on Pharmacy Practice (QAU, 2014). Earlier contributions include workshops on pharmaceutical policy (University of Auckland, 2013), biodiversity and climate change (SBB University, 2013), TB care in private pharmacies (Dev-Net, 2013), and quality assurance in higher education (Gomal University, 2010). I have also attended the 17th and 16th International Pharmacy Conferences organized by the Pakistan Pharmacists Association (2012, 2011), underscoring my sustained engagement in professional development and academic exchange.

ACADEMIC REFEREES

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