

Faculty Profile Format – Institute of Microbiology (IOM)

1. General Information

Full Name: Abdul Muqeet Khan

Designation/Position: Lecturer

Department/Section: IOM, QOL

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Phone (Official): 0333-4689897

Date of Birth: 06-22-1980

2. Academic Qualifications

Degree	Field	University/Institute	Year	Country
PhD	Biochemistry	UVAS/IBBT	2023	Pakistan
Mphil	Biochemistry	UVAS/IBBT	2013	Pakistan
Msc.	Chemistry	PU/Chemistry	2003	Pakistan
Bsc	Zoology/Botany/Chemistry	FC College	2001	Pakistan

3. Professional Experience

Position	Institute	Duration (Years)	From – To
QC Officer	Alpha Chemical (Pvt)	2 year	2002-2004
QC Officer	CCL Pharmaceutical (Pvt)	4 years	2004-2008

Senior QC officer	Schazoo Zaka Pharmaceutical (Pvt)	1 year	2008-2008
Lecturer	UVAS/QOL	17 years	2008- Till today

4. Research Contributions

4.1 Research Papers (APA style):

Khan, A. M., Altaf, I., Saeed, S., Abbas, M., Waris, A., Haq, R., & Bashir, R. (2016). Mycotoxin (aflatoxin & ochratoxin) and pesticide residues in Capsicum frutescens in Punjab, Pakistan. International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS), 5(7), 1646–1654

Khan, A. M., Imran, M., Hashmi, A. S., Shehzad, W., & Abbas, M. (2022). Quantification of Selected Polycyclic Aromatic Hydrocarbons (PAHs) in Soil, Water and Blood by an Optimized and Validated HPLC–UV–DAD Method. Polish Journal of Environmental Studies, 31(4).

Khan, A. M., Imran, M., Hashmi, A. S., Shehzad, W., & Abbas, M. (2023). Adsorbent filters for removing polycyclic aromatic hydrocarbons from the atmosphere. Environment Protection Engineering, 49(2).

Abbas, M., Khan, A. M., Waheed, N., Riffat, S., Ashraf, M., & Amin, S. (2012). Bioequivalence Study of Deferiprone In Healthy Pakistani Volunteers. Lat. Am. J. Pharm, 31(2), 344-7.

Abbas, M., Khan, A. M., Asi, M. R., & Akhtar, J. (2012). Pervasiveness of aflatoxin in peanuts growing in the area of Pothohar, Pakistan. World Academy of Science, Engineering and Technology, 69, 624-627.

Abbas, M., Khan, A. M., Amin, S., Riffat, S., Ashraf, M., & Waheed, N. (2013). Bioequivalence study of montelukast tablets in healthy Pakistani volunteers. Pakistan journal of pharmaceutical sciences, 26(2).

Abbas, M., Khan, A. M., Riffat, S., Tipu, M. Y., Nawaz, H. A., & Usman, M. (2014). Assessment of sex differences in Pharmacokinetics of carvedilol in human. Pakistan journal of pharmaceutical sciences, 27(5).

ARSHAD, W., NASEEM, S. A., KHAN, A. M., IMRAN, I., & QURA-TUL-AIN, M. A. H. R. E. E. N. Quantification of Pyrazinamide in Human Plasma by Validated High Performance Liquid Chromatography Method.

Qayyum, A., Najmi, M. H., Khan, A. M., Abbas, M., Naveed, A. K., & Jameel, A. (2015). Determination of S-and R-warfarin enantiomers by using modified HPLC method. Pakistan Journal of Pharmaceutical Sciences, 28(4).

Bilal, R., Usman, M., Khan, A. M., Latif, W., Ahmad, N. S., & Riffat, S. (2018). Development and validation of a chromatographic method for quantification of rasagiline in human plasma. *Tropical Journal of Pharmaceutical Research*, 17(11), 2243-2248.

Abbas, M., Riffat, S., Khan, A. M., & Nawaz, M. (2011). Bioequivalence Evaluation of a Combine Formulation of Pioglitazone/Metformin in Healthy Pakistani Volunteers. *J Bioequiv Availab*, 3(5), 92-96.

Wajahat, R., Yasar, A., Khan, A. M., Tabinda, A. B., & Bhatti, S. G. (2019). Ozonation and photo-driven oxidation of ciprofloxacin in pharmaceutical wastewater: degradation kinetics and energy requirements. *Pol. J. Environ. Stud*, 28(3), 1933.

Shah, S. I., Nosheen, S., Abbas, M., Khan, A. M., & Fatima, A. (2024). Determination of Phthalate Esters in Beverages and Milk Using High Performance Liquid Chromatography (HPLC). *Polish Journal of Environmental Studies*, 33(1).

Muhammad, K., Tipu, M. Y., Abbas, M., Khan, A. M., & Anjum, A. A. (2010). Monitoring of aflatoxin M1 in market raw milk in Lahore City, Pakistan. *Pak. J. Zool*, 42, 697-700.

Tipu, M. Y., Muhammad, K., Abbas, M., Khan, A. M., & Ali, S. (2011). Monitoring of sulfamethoxazole and sulfadiazine in chicken meat in Lahore City, Pakistan.

Iram, W., Anjum, T., Abbas, M., & Khan, A. M. (2014). Aflatoxins and ochratoxin A in maize of Punjab, Pakistan. *Food Additives & Contaminants: Part B*, 7(1), 57-62.

Mahmood, T., Abbas, M., Ilyas, S., Khan, A. M., & Nawaz, R. Analysis of metabolites of trimethoprim in urine of human male volunteers.

Hassan, A. U., Tabinda, A. B., Abbas, M., & Khan, A. M. (2014). Organochlorine and pyrethroid pesticides analysis in dairy milk samples collected from cotton growing belt of Punjab, Pakistan. *Pak. J. Agri. Sci*, 51(2), 321-325.

Ali, H., Naz, N., Abbas, M., & Khan, A. M. (2016). Quantitative analysis of quercetin in vegetable pulps and peels. *Journal of Agricultural Research (JAR)*, 54(1), 75-83.

Naz, N., Kashif, A., Kanwal, K., Khan, A. M., & Abbas, M. (2016). Quantitative scrutinization of aflatoxins in different spices from Pakistan. *International journal of analytical chemistry*, 2016(1), 4907425.

Tariq, S. R., Rafique, N., Kiran, S., & Khan, A. M. (2014). Photo-induced degradation of emamectin benzoate: effect of iron amendments and solvent system. *Environmental earth sciences*, 72(4), 983-988.

Ghumman, S. A., Bashir, S., Noreen, S., Khan, A. M., Riffat, S., & Abbas, M. (2018). Polymeric microspheres of okra mucilage and alginate for the controlled release of oxcarbazepine: In vitro & in vivo evaluation. *International journal of biological macromolecules*, 111, 1156-1165.

- Abdullah, N., Karamat, F., Qamar, S., Abbas, M., Khan, A., & Ullah, N. (2019). Development and validation of RP-HPLC method for simultaneous quantification of sulfacetamide sodium and prednisolone sodium phosphate. *Acta Poloniae Pharmaceutica-Drug Research*, 76(1), 37-47.
- Nawaz, H. A., Masood, M. I., Abbas, M., Usman, M., Khan, A. M., Rasheed, H., & Riffat, S. (2019). Evaluation of gender difference in pharmacokinetics of Candesartan cilexetil in the fasted state by RP-HPLC: A single dose comparative study. *Pakistan journal of pharmaceutical sciences*, 32(3), 1019-1024.
- Zafar, S., Naz, N., Nazir, S., Abbas, M., & Khan, A. M. (2014). Analysis of selected amino acids in different varieties of wheat available in Punjab, Pakistan. *Chromatography Research International*, 2014(1), 867070.
- Naz, N., Kashif, A., Sheikh, W., Abbas, M., & Khan, A. M. (2016). Analysis of Water Soluble Vitamins (Thiamine, Nicotinamide, and Pyridoxine) in Fortified Infant Food Products by HPLC. *Orient Journal of Chemistry*, 32(2), 947-953.
- Rehman, Z. U., Ashraf, M., Khan, M. A., Abbas, M. A. J. M., & Khan, A. M. (2013). Pharmacokinetics of Ketoprofen in healthy buffalo calves in Pakistan.
- Iram, W., Anjum, T., Iqbal, M., Ghaffar, A., Abbas, M., & Khan, A. M. (2016). Structural analysis and biological toxicity of aflatoxins B1 and B2 degradation products following detoxification by *Ocimum basilicum* and *Cassia fistula* aqueous extracts. *Frontiers in Microbiology*, 7, 1105.
- Ahmad, S., Khaliq, A., Pasha, T. N., Mehmood, S., Ahmad, S. S., Khan, A. M., & Hussain, K. (2018). Influence of *Moringa oleifera* leaf meal used as phyto-genic feed additive on the serum metabolites and egg bioactive compounds in commercial layers. *Brazilian Journal of Poultry Science*, 20(02), 325-332.
- Adil, M., Omer, M. O., Javeed, A., Ghaffar, A., Ashraf, M., & Khan, A. M. (2019). Isocratic High Performance Liquid Chromatography Assay for Quantification of Ceftiofur Hydrochloride in Bubaline Plasma. *Acta Chimica Slovenica*, 66(4), 859-864.
- Akhtar, M. F., Ashraf, M., Javeed, A., Anjum, A. A., Sharif, A., Saleem, A. ... & Altaf, I. (2016). Toxicity appraisal of untreated dyeing industry wastewater based on chemical characterization and short term bioassays. *Bulletin of Environmental Contamination and Toxicology*, 96(4), 502-507.
- Munir, M. M., Rasheed, H., Khokhar, M. I., Khan, R. R., Saeed, H. A., Abbas, M., ... & Usman, M. (2021). Dose tailoring of vancomycin through population pharmacokinetic modeling among surgical patients in Pakistan. *Frontiers in Pharmacology*, 12, 721819.
- Rashid, M., Shahzad, M., Mahmood, S., Khan, K., Sajjad, O., Khan, A. M., Ammar, A., Khan, K., & Albegali, A. A. (Year). Genetic polymorphisms in metformin transporter proteins OCT1 and

OCT2 may influence metformin efficacy in type 2 diabetes patients. *Journal of Diabetes Research and Therapy*, 7, 1057. <https://doi.org/10.29011/2688-996X.001057>

Maha, A., Ali, M., Bilal, H., Khokhar, M. I., Khan, A. M., Khokhar, R. ... & Usman, M. (2025). Population pharmacokinetics of linezolid among post-operative patients: Implications for dosing strategies. *Pakistan Journal of Pharmaceutical Sciences*, 38(1).

4.2 Books/Chapters:

NA

4.3 Conferences:

Example: "Molecular epidemiology of Brucella in Pakistan." International Veterinary Congress, Istanbul, 2022. (Oral Presentation)

5. Trainings

5.1 Trainings Received

Title	Institution	Year	Duration
Food of animal origin	NIFSAT, University of agriculture, Faisalabad	2017	2 Days
Nano science and Nanotechnology	Nano Chemistry Lab., GCU Lahore	2015	1 Day
Halal Meat conference	Expo centre	2014	1 Day
International young leaders conference Pakistan	UVAS, Lahore	2014	1 Day
International conference on Pharmaceutical Toxicology	Department of Pharmacology and Toxicology	2013	2 Days
Measurement uncertainty and Method validation	PNAC, Crown Plaza hotel Lahore	2012	2 Days
International conference on Pharmaceutical Toxicology	Department of Pharmacology and Toxicology	2012	2 Days

International conference of Chemistry	Chemistry Department University of Agriculture Faisalabad	2011	3 Days
Good Clinical Practices	Best Centre –IPS	2011	1 Days
Introduction to Quality related terms and ISO Clauses	Quality Operation Laboratory, UVAS	2011	4 Days
Orientation Program	Orientation Program	2010	10 Days
Professional competency enhancement program for Teachers	UVAS, Lahore	2010	3 Days
Participative management and ongoing interpersonal communication	CCL Pharmaceutical Pvt Limited	2007	1 Day
Collective responsibility and integrity	CCL Pharmaceutical Pvt Limited	2006	1 Day

5.2 Trainings Conducted

Title	Audience	Institution	Year	Duration
NA				

6. Memberships & Accreditations

NA

7. Services & Contributions

- Public Sector: Mat Kit manufacture and supply on commercial scale.
- Private Sector: Mat Kit manufacture and supply on commercial scale.
- Community Services: _____

8. Awards & Recognitions

NA

9. Administrative Roles

Role	Institute/Committee	Period
Physical verification	Patoki campus	2012-2013

10. Research Interests & Future Plans

- Develop new and precise method for Toxin estimation & drugs in Food and Feed items
- Availability of Different Toxin (Aflatoxin & Ochratoxin) on commercial level for Research purpose

11. Additional Information

- Languages: _____
- Reviewer: Reviewer of Sustainable *Chemistry for Biodiversity*.
- Editorial Roles: _____