

## Curriculum Vitae

**Last Name, First Name:** Khan, Abdul Muqeet  
**Date and place of birth:** 22.06. 1980, Lahore, Pakistan  
**Telephone and Email:** 00923334689897; abdulmuqeet.khan@uvas.edu.pk  
**Permanent address:** House#24, Street#4, Nawab Park Ghorey Shah road Lahore, Punjab, 54000 Pakistan  
**Objective:**  
**EDUCATION:** To join an organization where I can utilize my potentials.



**2014-2023**

**Ph.D.**

Ph.D. (**Research direction: Biochemistry**) from Institute of Biochemistry and Biotechnology, University of Veterinary and Animal Sciences, Lahore, Pakistan

**Skills and experiences:**

- Establishing research plan and proposals, review of literature and conduction of research for Polycyclic aromatic hydrocarbons degradation.
- Performing PAHs detection (HPLC/LCMS), Optimization and validation of quantification of PAHs from diverse sources
- Degradation and control of PAHs from soil and water
- Drafting of results into manuscript forms.
- Communication and problem solving with supervisor as a team for overall advancement

**2009-2013**

**M.Phil.**

M. Phil in Biochemistry from Institute of Biochemistry and Biotechnology, University of Veterinary and Animal Sciences, Lahore, Pakistan

**Skills and experiences:**

- Establishing research plan and proposals, review of literature and conduction of research on Assessment of mycotoxin (Aflatoxin &Ochratoxin) and pesticides in Capsicum frutescens
- Method development and validation of pesticides in Capsicum frutescens
- Drafting of results into manuscript forms

**2001-2003**

**Master of science (M.Sc.)**

University of Punjab, Lahore, Pakistan

**Skills and experiences:**

Establishing research plan and proposals, review of literature and conduction of research on Assessment of Acrylamide in meat cousins.

**Graduate Dissertations Titles**

**2003**

“Detection and Estimation of Acrylamide in Indigenous meat cousins” (**M.Sc. Dissertation**).

**2013**

“Assessment of mycotoxin (Aflatoxin &Ochratoxin) and pesticides in Capsicum frutescens”. (**M.Phil. Dissertation**).

**2023**

“Assessment, Biochemical Degradation and control of Polycyclic aromatic Hydrocarbons from diverse sources” (**PhD. Dissertation**).

**WORK EXPERIENCES:**

- Lecturer, Quality Operations Laboratory, Institute of Microbiology, University of Veterinary and Animal Sciences, Lahore, Pakistan
- Courses taught: Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Applied Diagnostic Microbiology

**Research Experience:**

- Development and validation of HPLC methods for identification of different analytes
- Quantification of veterinary drug residues in Food of animal origin
- Detoxification/Degradation of Mycotoxins using natural and synthetic sources
- Analysis of Mycotoxins in Food & Feed using different techniques
- 23-year experience of HPLC working (Analysis of pharmaceutical drugs in various dosage forms like tablet, capsule, syrup, dry syrup, injectable and ointments.)
- Seven-years' experience of different Pharmaceuticals instruments spectrophotometer, HPLC, GC, Karl fischer, FTIR, Dissolution apparatus
- Eight-year' experience of GC, GCMS, HPLC working (Analysis of pharmaceutical drugs in plasma and urine, determination of drug residues, determination of toxins in food and feed etc.)
- Eight-year experience of Bioequivalence and pharmacokinetic studies
- Completed several research projects as Co-PI with various organizations, including Highnoon pharma, MTI Medical, International Health & Clinical Research, Hilton Pharma.
- **Employment History:**
- 2008 – present: Lecturer, University of Veterinary and Animal Sciences, Lahore, Pakistan
- Jan 2008 to Dec 2008: Senior QC officer, Schazoo pharmaceuticals (PVT) Ltd
- Feb 2004 to Jan 2008: QC officer, CCL pharmaceuticals (PVT) Ltd
- Feb 2003 to Jan 2004: QC officer, Alpha chemicals

### Professional Trainings:

- Two-day training course on measurement of uncertainty & method Validation in 2012.
- Additional Training of High-performance liquid chromatography (HPLC) conducted by H.A. Shah & Sons from 18-02-2010 to 19-02-2010.
- Awareness Programme on Quality Management System ISO-9001: 2000 Pakistan Institute of Quality Control (PIQC)
- Two-day training course on measurement of uncertainty & method Validation in 2012.
- Additional Training of High-performance liquid chromatography (HPLC) conducted by H.A. Shah & Sons from 18-02-2010 to 19-02-2010.
- Awareness Programme on Quality Management System ISO-9001: 2000 Pakistan Institute of Quality Control (PIQC)
- Awareness Programme on Environmental Management System ISO 14001 Pakistan Institute of Quality Control (PIQC)
- Awareness Programme on Good Laboratory Practices (GLP)
- Awareness Programme on Good Manufacturing Practices (GMP)
- Awareness Programme on Collective Responsibility and Integrity
- Awareness Programme on Integrity & Trust
- Awareness Programme on Peer Relations
- Awareness Programme on Building Effective Teams
- Awareness Programme on Managing Conflict
- Training on Communication Skill
- Training on Effective Correspondence Skill
- Training on Participative Management

### Research projects (Completed):

- High noon pharma. (pvt) Ltd. Lahore (2013-14). Bioequivalence of Sitagliptin/ metformin 50/500 mg tablets. Value 1.5 million. Role: **Co-PI**
- MTI Medical (pvt) Ltd. (2012-13) A clinical study on pharmacokinetic comparison of renessans. (A single dose study in animals and humans). Value 1.0 million. Role: **Co-PI**

- International health & Clinical Research, USA. (2011-12). Preparation of nasal spray of Ondansetron and pharmacokinetic comparison with tablets and injection. Value 10,000 USD. Role: Co-PI
- Hilton Pharma. (pvt), Karachi. (2010-11). Bioequivalence study of Diclofenac potassium in healthy human. Value 1.0 million. Role: **Co-PI**
- Hilton Pharma. (pvt), Karachi. (2008-09). Bioequivalence study of Pioglitazone and Metformin in healthy human. Value 1.5 million. Role: **Co-PI**

#### TECHNICAL SKILLS:

- Feed and Food analysis
- Pharmaceutical formulation
- Quality control of pharmaceutical products (Tablet, capsule, injectables and syrup)
- HPLC, GC, LCMS and GCMS
- Isolation of pharmaceutical drugs from plasma
- Extraction of bioactive compounds from plants
- Advanced statistical tests and analysis such as: SPSS

#### RESEARCH INTERESTS:

- Animal nutrition
- Feed additives
- Poultry management
- Development of antibiotics alternatives for Poultry
- Mycotoxins
- Purification of enzymes

#### PERSONAL CHARACTER:

- Self-motivated
- Friendly attitude
- Good character
- Responsible
- Punctual
- Hard working
- Good thinker/independent researcher
- Cooperative and learning behavior

#### RESEARCH PUBLICATIONS:

1. **Abdul Muqees Khan**, Imran Altaf, Shagufta Saeed, Mateen Abbas, Asma Waris, Rukhama Haq, Rasheeda Bashir. Mycotoxin (aflatoxin & ochratoxin) and pesticide residues in Capsicum frutescens in punjab, Pakistan. IJBPAS, July, 2016, 5(7): 1646-1654.
2. **Abdul Muqees Khan**, Muhammad Imran, Abu Saeed Hashmi, Wasim Shehzad, Mateen Abbas Quantification of Selected Polycyclic Aromatic Hydrocarbons (PAHs) in Soil, Water and Blood by an Optimized and Validated HPLC –UV–DAD Method. Pol. J. Environ. Stud. Vol. 31, No. 4 (2022), 3633-3644. (IF= 1.186)
3. **Abdul Muqees Khan**, Muhammad Imran, Abu Saeed Hashmi, Wasim Shehzad, Mateen Abbas ADSORBENT FILTERS FOR REMOVING POLYCYCLIC AROMATIC HYDROCARBONS FROM THE ATMOSPHERE. Environment Protection Engineering Vol. 49 2023 No. 2 19-27 DOI: 10.37190/epe230202. (IF= 0.887)

4. Mateen Abbas, **Abdul Muqeet Khan**, Naila Waheed, Sualeha Riffat, Muhammad Ashraf & Sadia Amin (2012). Bioequivalence Study of Deferiprone in Healthy Pakistani Volunteers. *Lat. Am. J. Pharm.* 31 (2): 344-347. (IF= 0.288)
5. Mateen Abbas, **Abdul Muqeet Khan**, Muhammad Rafique Asi, Javed Akhtar (2012). Pervasiveness of Aflatoxin in Peanuts Growing in the Area of Pothohar, Pakistan. *World Academy of Science, Engineering and Technology* 69, pp: 624-627
6. Mateen Abbas, **Abdul Muqeet Khan**, Sadia Amin, Sualeha Riffat, Muhammad Ashraf and Naila Waheed (2013). Bioequivalence study of montelukast tablets in healthy Pakistani volunteers. *Pak. J. Pharm. Sci.* Vol. 26, No. 2; pp: 255-259. (IF = 1.103)
7. M Abbas, **AM Khan**, S Riffat, MY Tipu, HA Nawaz, M Usman. 2014. Assessment of sex differences in Pharmacokinetics of carvedilol in human. *Pakistan journal of pharmaceutical sciences* 27 (5), 1265-1269. (IF = 0.95)
8. Aisha Qayyum, Muzammil Hasan Najmi, **Abdul Muqeet Khan**, Mateen Abbas, Abdul Khaliq Naveed and Ahsan Jameel. 2015. Determination of S- and R-warfarin enantiomers by using modified HPLC method. *Pak. J. Pharm. Sci.*, Vol. 28, No. 4, pp: 1315-1321. (IF = 0.581)
9. Rabiea Bilal1, Muhammad Usman, **Abdul Muqeet Khan**, Waqas Latif, Naseem Saud Ahmad, Sualeha Riffat Development and validation of a chromatographic method for quantification of rasagiline in human plasma *Tropical Journal of Pharmaceutical Research* November 2018; 17 (11): 2243-2248 ISSN: 1596-5996 (print); 1596-9827. (IF = 0.791)
10. Mateen Abbas, Sualeha Riffat, **Abdul Muqeet Khan** and Muhammad Nawaz (2011). Bioequivalence Evaluation of a Combine Formulation of Pioglitazone/Metformin in Healthy Pakistani Volunteers. *J Bioequiv Availab.* Volume 3(5): 092-096.
11. Rabia wajahat Abdullah Yasir **Abdul Muqeet Khan** Ozonation and Photo-Driven Oxidation of Ciprofloxacin in Pharmaceutical Wastewater: Degradation Kinetics and Energy Requirements December 2018 *Polish Journal of Environmental Studies Pol. J. Environ. Stud.* Vol. 28, No. 3 (2019), 1933-1938 DOI: 10.15244/pjoes/90597. (IF =1.120)
12. Shah SI, Nosheen S, Abbas M, **Khan AM**, Fatima A. Determination of Phthalate Esters in Beverages and Milk Using High Performance Liquid Chromatography (HPLC). *Polish Journal of Environmental Studies.* 2023. doi:10.15244/pjoes/168446. (IF= 1.871)
13. Khushi M. M. Y. Tipu, A. Mateen, **A. Muqeet Khan**, and Aftab Ahmad (2010). Monitoring of Aflatoxin M1 in Market Raw Milk in Lahore City, Pakistan. *Pakistan J. Zool.*, vol. 42(6), pp. 697-700, 2010. (IF = 0.2)
14. M.Y. Tipu, K. Muhammad, M. Abbas, **A.M. Khan** and S. Ali (2012). Monitoring of Sulfamethoxazole and Sulfadiazine in Chicken Meat in Lahore City, Pakistan. *Asian J of Chem.* Vol. 24, No. 1; pp: 471-472. (IF = 0.266)
15. Wajiha Iram, Tehmina Anjum, Mateen Abbas & **Abdul Muqeet Khan** (2014). Aflatoxins and ochratoxin A in maize of Punjab, Pakistan. *Food Additives & Contaminants: Part B: Vol. 7, No. 1, 57–62.* (IF = 1.467)
16. Tahir Mahmood, Mateen Abbas, Shaista Ilyas, **Abdul Muqeet Khan**, Rakhshanda Nawaz (2014). Analysis of Metabolites of Trimethoprim in Urine of Human Male Volunteers. *IJCBS*, 5: 59-62.
17. Aziz ul Hassan, Amtul Bari Tabinda, Mateen Abbas and **Abdul Muqeet Khan** (2014). Organochlorine and pyrethroid pesticides analysis in dairy milk samples collected from cotton growing belt of punjab, pakistan. *Pak. J. Agri. Sci.*, Vol. 51(2), 331-335. 9 (IF = 1.049)

18. Hina Ali, Narjis Naz, Mateen Abbas and **Abdul Muqeet Khan**\*\* Quantitative analysis of Quercetin in vegetable pulps and peels. *J. Agric. Res.*, 2016 Vol. 54(1):75-83 ISSN: Online: 2076-7897, Print: 0368-1157
19. Narjis Naz, Aiza Kashif, Kinza Kanwal, **AbdulMuqeet Khan**, and Mateen Abbas Quantitative Scrutinization of Aflatoxins in Different Spices from Pakistan. *International Journal of Analytical Chemistry* Volume 2016, Article ID 4907425, 7 pages <http://dx.doi.org/10.1155/2016/4907425> 1.554.
20. Saadia Rashid Tariq, Nazia Rafique, Sana Kiran, **Abdul Muqeet Khan**. Photo-induced degradation of emamectin benzoate: effect of iron amendments and solvent system. *Environ Earth Sci* (2014) 72:983–988. (IF =1.765)
21. Shazia Akram Ghumman, Sajid Bashir, Sobia Noreen, **Abdul Muqeet Khan**, Sualeha Riffat, Mateen Abbas Polymeric microspheres of okra mucilage and alginate for the controlled release of oxcarbazepine: In vitro & in vivo evaluation *International Journal of Biological Macromolecules* 111 (2018) 1156–1165 (IF =5.162)
22. Nabihah Abdullah, Fizza Karamat\*, Shaishta Qamar, Mateen Abbas, **Abdul Muqeet Khan** and Naseem Ullah Development and Valiation of RP HPLC Method for Simultaneous quantification of Sulfacetamide Sodium and Prednisolone Sodium Phosphate. *Acta Poloniae Pharmaceutica n Drug Research*, Vol. 76 No. 1 pp. 37n47, 2019. 9IF = 0.67)
23. Hafiz Awais Nawaz, Muhammad Irfan Masood, Mateen Abbas\*, Muhammad Usman, **Abdul Muqeet Khan**, Huma Rasheed1 and Sualeha Riffat3Evaluation of gender difference in pharmacokinetics of Candesartan cilexetil in the fasted state by RP-HPLC: A single dose comparative study *Pak. J. Pharm. Sci.*, Vol.32, No.3, May 2019, pp.1019-1024. (IF =0.686)
24. Sumera Zafar, Narjis Naz, Saliha Nazir, Mateen Abbas, and **Abdul Muqeet Khan**. Analysis of Selected Amino Acids in Different Varieties of Wheat Available in Punjab, Pakistan. *Chromatography Research International*. Volume 2014 (2014), Article ID 867070, 6 pages.
25. Narjis Naz, Aiza Kashif, Warda Sheikh, Mateen Abbas and **Abdul Muqeet Khan**. Analysis of Water-Soluble Vitamins (Thiamine, Nicotinamide and Pyridoxine) in Fortified Infant Food Products by HPLC. *Oriental. J. Chem.*, Vol. 32(2), 947-953 (2016).
26. Z.U. Rehman, M. Ashraf, M.A. Khan, M.A. Jabbar, M. Abbas and **A.M. Khan** (2013). Pharmacokinetics of ketoprofen in healthy buffalo calves in pakistan. *The Journal of Animal & Plant Sciences*, 23(2); Page: 416-419. (IF = 0.422)
27. Wajiha Iram, Tehmina Anjum, Mazhar Iqbal, Abdul Ghaffar, Mateen Abbas and **Abdul Muqeet Khan**. 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*, July 2016, Volume 7, Article 1105. (IF = 4.165)
28. Ahmad S, Khalique A, Pasha TN, Mehmood S, Sohail Ahmad S. **Khan AM**, Hussain K Influence of *Moringa Oleifera* Leaf Meal Used as Phytogenic Feed Additive on the Serum Metabolites and Egg Bioactive Compounds in Commercial Layers ISSN 1516-635X Apr - Jun 2018 / v.20 / n.2 / 325-332. (IF = 0.550)
29. Muhammad Adil, Muhammad Ovais Omer, Aqeel Javeed, Aamir Ghafoor, Muhammad Ashraf and **Abdul Muqeet Khan** Isocratic High Performance Liquid Chromatography Assay for Quantification of Ceftiofur Hydrochloride in Bubaline Plasma *Acta Chim. Slov.* 2019, 66, 859–864. (IF = 1.107)
30. Muhammad Furqan Akhtar, Muhammad Ashraf, Aqeel Javeed, Aftab Ahmad Anjum, Ali Sharif, Ammara Saleem, Bushra Akhtar, **Abdul Muqeet Khan**. Imran Altaf. Toxicity Appraisal of Untreated Dyeing Industry Wastewater Based on Chemical Characterization and Short-Term Bioassays. *Bull Environ Contam Toxicol* (2016) 96:502–507. (IF = 0.79)

31 Muhammad Muaaz Munir, Huma Rasheed, Muhammad Imran Khokhar, Rizwan Rasul Khan, Hafiz Asad Saeed, Mateen Abbas, Mohsin Ali, Rabiea Bilal, Hafiz Awais Nawaz, **Abdul Muqet Khan**, Shaista Qamar, Syed Muneeb Anjum and Muhammad Usman Dose Tailoring of Vancomycin Through Population Pharmacokinetic Modeling Among Surgical Patients in Pakistanront. Pharmacol., 11 November2021Sec. Drugs Outcomes Research and Policies Volume 12 - 2021<https://doi.org/10.3389/fphar.2021.721819>. (IF = 4.225)

**1. Prof. Dr. Muhammad Zubair Shabbir**



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**3. Prof. Dr. Zafar Hayat**



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