

# *Ayaz Ali Khan*

Assistant Professor  
Department of Biotechnology,  
University of Malakand,  
Chakdara, Lower Dir, Pakistan  
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## **Personal Details:**

<b>Father's Name:</b>	Muhammed Ayub Khan
<b>Date of Birth:</b>	4 <sup>th</sup> December 1978
<b>Place of Birth:</b>	Swat N.W.F.P. (Pakistan)
<b>Permanent Address:</b>	Village and P.O. Khawaza Khela, Tehsil & District Swat KPK, Pakistan.
<b>Gender</b>	Male
<b>Marital Status:</b>	Single
<b>Nationality:</b>	Pakistani

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## **Educational Qualifications:**

### **M.Sc. (Hons.)(Pharmacology & Toxicology)**

<b>Year of award:</b>	<b>2002-2004</b>
<b>University:</b>	University of Veterinary and Animal Sciences Lahore Pakistan.
<b>Medium of Instructions:</b>	English
<b>Field of Specialization:</b>	Pharmacology & Toxicology
<b>Score:</b>	68.30% (CGPA)

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### **Doctor of Veterinary Medicine (DVM)**

<b>Year of award:</b>	<b>1997-2001</b>
<b>University:</b>	University of Agriculture Faisalabad
<b>Medium of Instructions:</b>	English
<b>Score:</b>	62.88 % (CGPA)

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**F. Sc:**

<b>Year of award:</b>	<b>1996</b>
<b>Board:</b>	BISE Saidu Sharif, Swat
<b>Medium of Instruction:</b>	English
<b>Courses Studied:</b>	Pre- Medical (Biology, Chemistry, and Physics)
<b>Score:</b>	62.45%

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**S S C:**

<b>Year of award:</b>	<b>1994</b>
<b>Board:</b>	BISE Saidu Sharif Swat
<b>Courses Studied:</b>	Science group (Physics, Chemistry and Biology)
<b>Score:</b>	65.05%

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**RESEARCH TOPIC IN M.Sc. (HONS.):** Plasma concentration of Doxycycline after flock medication via drinking water in broilers

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**FIELD OF RESEARCH: Pharmacology and Toxicology, Microbiology**

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**BS Hons. (Biotechnology) Thesis Supervised:**

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1. Prevalence of Sub-Clinical Mastitis in Buffalo and Cow using Surf Field Mastitis Test (SFMT) in local dairy farms at Chakdara Dir (L) (2005)
2. Prevalence of TB in Tanah Malakand Agency (2005)
3. Effect of doxycycline on various biochemical parameters, administered in various dosage levels through drinking water in broiler chicks (2006)
4. Comparative efficacy of doxycycline and flumiquine in experimentally induced colibacillosis in broiler chicken (2006)
5. Effect of doxycycline on various biochemical parameters, administered in various dosage levels through drinking water in rabbits (2006)
6. Effect of lead acetate administered orally, at different dosage levels in broiler chicks (2007)
7. Effect of Cadmium chloride administered orally, at different dosage levels in broiler chicks (2007)
8. Effect of automobile repairing workshop's environment on health status of its workers (2008)
9. Effect of automobile painting workshop's environment on health status of its workers (2008)
10. Detection of Hepatitis C through Real Time PCR (2008)
11. Effect of Insecticide sprays on health status of the workers (Dealers, Owners and Sprayer) (2008)
12. Effect of Petrol/CNG Filling Station's Environment on the health status of worker in N.W.F.P Pakistan (2009)

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13. Effect of Gasoline emission from vehicles on the health status of drivers in N.W.F.P Pakistan (2009)
  14. Effect of tallow on the health status of tallow producers and consumers in N.W.F.P Pakistan (2009)
  15. Incidence rate of Cancer in District Bannu from 2005-2009 (2010)
  16. Institutional Based incidence of Cancer in District Dir (2005-2009) (2010)
  17. Institutional Based Cancer Incidence of Cancer in District Mardan (2005-2009) (2010)
  18. Cefepime toxicity in pigeon birds, a study on fourth generation cephalosporin (2010)
  19. Effect of different antibacterial in experimentally induced colibacillosis in pigeon birds (2010)
  20. Determination of anti diabetic activity in locally available plants in District Malakand (2010)
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### **Experience:**

- (1) Teaching experience as Assistant Professor in Department of Biotechnology University of Malakand since September 2010 till date.
  - (2) Teaching experience as Lecture in Department of Biotechnology University of Malakand, Chakdara Dir (L), Pakistan since September 2004 till Date.
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Served as Deputy Provost since September 2008 till December 2010

Served as Deputy Chief Proctor since August, 2008 till August, 2009

Remained member of Staff Proctorial Board, University of Malakand

Remained member of Market and Food Management Committee, University of Malakand

### **Research Papers:**

1. Comparative efficacy of doxycycline and flumequine against experimentally induced colibacillosis in broiler chicks. Journal of Veterinary Medicine and Animal Health Vol. 1 (2) pp. 017-022, August, 2009
2. Effect of automobile workshop on health status of Auto mechanics in N.W.F.P. Pakistan, African Journal of Environmental Science and Technology Vol. 4(4), pp. 192-200, April 2010
3. Detection of Hepatitis C through Real Time PCR, Accepted in African Journal of Biotechnology, Accepted in Indian journal of biotechnology, December, (2010)
4. Novel protocol for albumin and globulin detection in Pisum sativum genotypes using Sodium Dodecyl Sulphate polyacrylamide gel electrophoresis (SDS-PAGE), Accepted in Pakistan Journal of Botany, MS 10-005, 2010
5. Genetic diversity and disease response of rust in bread wheat collected from Waziristan Agency, Pakistan, Accepted in Russian Journal of Geenetics, 2010

6. Investigation of the potential health hazards of vehicle refueling station attendants in Malakand N.W.F.P, Submitted to Journal of Applied Toxicology, 2010.
7. Effect of gasoline engine emissions on health status of auto rickshaw drivers at Dir (L) N.W.F-P, Under Process.

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**REFERENCES:****Dr. Muhammed Ashraf**

(Professor and Dean, Faculty of Bio-Sciences)  
Department of Pharmacology and Toxicology  
University of Veterinary and Animal Sciences,  
Lahore, Pakistan.  
M.Sc. (Hons.) Research Supervisor  
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**Dr. Alam Zeb**

(Assistant Professor)  
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