

Curriculum Vitae



1. PERSONAL HISTORY:

Name: Muhammad Auon	Father's Name: Ghulam Hur
Nationality:	Pakistan
Date of Birth : August 14, 1983	Place of Birth: Bhakkar (Pakistan)
PVMC Registration Code: RVMP/2700	

2. CONTACT DETAILS:

Address: University of Agriculture Faisalabad Constituent College Toba Tek Singh
E-mail: muhammadauon@uaf.edu.pk.
Tel: 046-9201098

3. ACADEMIC & PROFESSIONAL DATA:

a. ACADEMIC DATA:

Qualifications	Subjects/Major Fields of Specialization	University/ Institute/Country
PhD	Pathology	University of Agriculture, Faisalabad Pakistan
MSc. (Hons.)	Veterinary Pathology	University of Agriculture, Faisalabad Pakistan
DVM	Anatomy, Histology, Physiology, Biochemistry, Pharmacology, Pathology, Parasitology, Microbiology, Clinical medicine and surgery, and Reproduction	University of Agriculture, Faisalabad Pakistan

b. PROJECT/THESIS/RESEARCH/SPECIALITY DETAILS:

During	Thesis Topic/Speciality
M. Sc. (Hons.)	Topic:
	Evaluation of toxicopathological effects of oral administration of chlorpyrifos in male Japanese quail (<i>Coturnix Japonica</i>)
PhD	Pathology and molecular epidemiology of chicken infectious anaemia in commercial poultry
Specialty:	Gross Anatomy and Histopathology

c. TEACHING EXPERIENCE:

After	Post/Appt Status	<u>Duration(Year)</u>		University/Institute/ Organisation/Country
		From	To	
DVM	Lecturer/Regular	2007	2009	University of Agriculture, Faisalabad, Constituent College Toba Tek Singh
M.Sc. (Hons)	Lecturer/Regular	2009	2024	University of Agriculture, Faisalabad Constituent College Toba Tek Singh
PhD	Lecturer/ Regular	2024	continue	University of Agriculture, Faisalabad Constituent College Toba Tek Singh

5: Technical Trainings / Seminars

1. Training workshop on Environmental Controlled Housing organised by Department of Poultry Science UAF, 2011.
2. Participated International Livestock and Poultry congress 2014 Awane Iqbal Lahore.
3. Participated International Poultry Expo 2014 Expo Centre Lahore.

6: Administrative Assignments

1. Liaison officer, UAF Sub Campus Toba Tek Singh.
2. Convener, Public Relation and Publication (PRP) UAF Sub Campus Toba Tek Singh.
3. Convener Dengue Control Programme UAF Sub Campus Toba Tek Singh.
4. Vice President University Judo Team University of Agriculture Faisalabad 2011.
5. Vice President University Karate Team University of Agriculture Faisalabad, 2013.
6. Vice President University Karate Team University of Agriculture Faisalabad, 2014.
7. Security Incharge, UAF Sub Campus, Toba Tek Singh.
8. Deputy Hall Warden, UAF Sub Campus Toba Tek Singh.
9. Incharge, Diagnostic Lab, UAF Sub Campus Toba Tek Singh.
10. Tutor (TGM) UAF Sub Campus Toba Tek Singh.
11. Convener, Public Relations & Publication UAF Sub Campus Toba Tek Singh.
12. Co-ordinator, Management Sciences Degree Programs, UAF Sub Campus, Toba Tek Singh.
13. Councillor, Academic Staff Association, University of Agriculture Faisalabad.
14. Member, Editorial Board Zari Digest, University of Agriculture Faisalabad.

List of Publications:

1. **Auon**, M, M.K. Saleemi, F. Rizvi and M.S.Sajid. 2024. Pathology and molecular epidemiology chicken infectious anemia in commercial poultry. Pak.J.Agr.Sci., Vol.61, 2024
2. Abbas G, M.Arshad, M.Imran, M.ul Hassan , S. qamar, S.G. Bukhari, M.M. Imran, Z. u;- Abidin, U. Shehzad, S. Jaffery, U.Farooq, M.S.Imran, K.Imran, M.A. Naveed, **M. Auon**, A. Mustafa Consumer preferences and market Trends: customizing poultry products for customer based poultry markets. Pak. J. Sci. Vol. 76 No.2 June,2024
3. Abbas. G, Abdullah Hassan Hashmi, Maiha Kamal, Rabia Mahmood, Ghulam Rasool Zahid, Hafiz Wasil Sohail, Muhammad Asif Naveed, Muhammad Arshad, Hongbin Yan, Qingli Niu, Yin Xiangping, Umar

- Farooq, **M. Auon**, M. Farooq Khalid, Imran Lughari, Hassan Nawaz, Seemab Jaffery. An Augmented Review on Monkeypox. LGU J. of Life Sci, Vol. 8, 2024
4. Anwar, U, M. Riaz, M.F. Khalid, R. Mustafa, U. Farooq, M. Ashraf, H. Munir, **M. Auon**, M. Hussain, M. Hussain, M. F. A. Chisti, M. Q. Bilal, A. U. Rehman and M. A. U. Rehman. 2023. Impact of Exogenous Xylanase and Phytase, Individually or in Combination, on Performance, Digesta Viscosity and Carcass Characteristics in Broiler Birds Fed Wheat-Based Diets. *Animal* 2023, 13, 278.
 5. Anwar, U., M.Q.Bilal, M.F.Khalid, R.Mustafa, U.Farooq, M.Ashraf , H. Munir, **M.Auon**, M.Hussain, M.F.A Chisti, A.Rehman & M.A.U.Rehman 2023. Impact of storage on chemical composition of wheat and efficiency of its utilization in broilers. *Sustainability* 2023, 15, 7129. <https://doi.org/10.3390/su15097129>.
 6. Anwar, U., M.Riaz , M.F.Khalid, R.Mustafa, U.Farooq, M.Ashraf , H. Munir, **M.Auon** M.Hussain, M.F.A Chisti, M.Q.Bilal, M.A.U.Rehman 2023. Effect of Xylanase and phytase, individually or in combination on performance, Nutrient Digestibility, Digesta viscosity and carcass characteristics broiler fed wheat based diet. *Animals*, 13(278).
 7. Khalid, M.F., U. Farooq, R. Mustafa, **M.Auon**, A.Wahaab, U. Mahmood, N. Huda, M.E.khan, J.Hussain and S. Mahmood, 2022. Extender ability to store chicken sperm by using L-Carnitine, Methionine and honey. *J.Glob.Innvo.agric.sci*.10(4):211-217
 8. Farooq, U., M.F., Khalid, R.Mustafa, **M.Auon**, A.Wahaab, S. Mahmood, N. Huda, M.E.khan, J.Hussain and S. Mahmood, 2022. Effect of blends of Betaine, choline Ascorbic acid and Xylanase enzyme on the nutrient digestibility hemato-serological properties and response to severe heat in broiler. *J.Glob.Innvo.agric.sci*.10 (4):247-253.
 9. Farooq, U., M.F., Khalid, R.Mustafa, **M.Auon**, A.Wahaab, S. Mahmood, Z.U.Rehman N. Huda, M.K. Bashir , M.E.khan, J.Hussain and S. Mahmood, 2022. Supplementation of Herbal Seeds to Improve the Growth Performance and Digestion in Japanese quail (*Coturnix Coturnix Japonica*). *Agrobiol Rec*.10:19-25.
 10. Ashraf, M., A. U. Haq, F. Ahmad, Z. D. Sindhu, A. R. Asif, U. Farooq, M. F. Khalid, **M. Auon**, M. Sharif. 2019. Right Choice and Proportion Can Make Blend of Oils A Good Growth Promoter And A Potential Source For Designer Meat Production In Chicken. *Pak. J. Agri. Sci.*, DOI: 10.21162/PAKJAS/19.7565.
 11. Arslan A. U., M. K. Bashir, M. F. Khalid, **M. Auon**, U. Farooq, M. Ashraf, S. Shakeel, Shahid-ur-Rehman. 2018. Economic Analysis of Broiler Production in Enviornment Controlled Houses in District Faisalabad. *Pak. J. Agri. Sci.*, Vol. 55(3), 699-701.
 12. Hussain, R, F Mahmood **M. Auon**, A. khan, M. Z. Khan, and S.U. Rehman, 2010. Contagious Caprine Pleuropneumonia (CCPP) in Beetal goats *Tropical Animal Health Production*.
 13. **Auon** M, F Mahmood, A.khan, R.Hussain. 2014 Testicular and genotoxic effects induced by subchronic oral administration of chlorpyrifos in Japanese quail (*Coturnix japonica*) *Pakistan Journal of Agricultural Sciences* 51(4):1005-1010

Abstracts in National/International Scientific Proceedings/Conferences

1. Umar Farooq, Muhammad Farooq Khalid, Riaz Mustafa, Zia-ur-Rehman, **Muhammad Auon**, Abdul Wahab, Umair Mahmood, Memona Saeed and M. Salman. Effect of flaxseed meal, Canola Meal and Fish Meal on Growth Performance and serum cholesterol concentration on quails. 2022. ICAZ-KFUET Pak (oct,17-18)

2. Umair Mahmood, Umar Farooq, Muhammad Farooq Khalid, Riaz Mustafa, Zia-ur-Rehman, **Muhammad Auon**, Abdul Wahab, Memone Saeed, and M. Jahanzaib. Higher Arginine to lysine Ratio Effect broilers growth performance positively. 2022. ICAZ-KFUET Pak (oct,17-18)
3. **Muhammad Auon**, Umar Farooq, Muhammad Farooq Khalid, Riaz Mustafa, Zia-ur-Rehman, Umair Mahmood, Muhammad Tariq, Abdul Wahab, Noor-ul-Huda, Bahar-e-Mustafa, Memona Saeed and Abdullah Toor. Effect of emulsifier on Broilers performance fed on energy deficient diet. 2022. ICAZ-KFUET Pak (oct,17-18)
4. Umar Farooq, Muhammad Farooq Khalid, **Muhammad Auon**, Salman Latif Butt, Umair Mahmood, Fahad Mehmood and Memona Saeed. Use of organic Selenium Enhance Reproduction Performance of Local Chicken Breeders. 2022. International Poultry Expo (sep, 15-17) Lahore
5. Umar Farooq, Muhammad Usman, Muhammad Farooq Khalid, **Muhammad Auon**, Umair Mahmood and Arshad Nawab. Use of organic and In-organic Acids as alternatives of Antibiotic growth Promotes in Broilers diet. 2022. International Poultry Expo (sep, 15-17) Lahore
6. Muhamamd Farooq Khalid, Umar Farooq, Umair Mahmood, **Muhammad Auon**, Muhammad Ashraf, Riaz Mustafa, Muhammad Salman Latif Butt and Nousheen Arshed. 2019. Comparative Efficacy of Different Toxin Binders to Counter Feed Toxicity in Broiler Diet. ICAZ Dec, 19-20.
7. Ahmad Umair, Umar Farooq, Muhammad Farooq Khalid, Riaz Mustafa, **M. Auon**, Umair Mahmood, Muhammad Yaqub, Mamoon Saeed and Nousheen Arshed. 2019. Effect of Different Protein Sources on Growth Performance and Carcas Characteristics in Japanese Quails. ICAZ Dec, 19-20.
8. Umar Farooq, Muhammad Farooq Khalid, **Muhamamd Auon**, Umair Mahmood, Muhammad Ashraf and Salman Latif Butt. 2019. Supplementation of Natural Herbs Improves Post Peak Reproductive Performance of Layer Breeder. 3rd WPSA International Layer Quality Conference, UAF, Pakistan.
9. Ashraf, M., M.F. Khalid, F. Ahmad, U. Mahmood and **M. Auon**. 2018. Sweet Orange Pulp Supplementation Improves Growth Performance of Chicken Broiler. 6th MPS-Torino-Italy- world's poult. Sci. J.vol. 74.
10. Afzal. M., U. Farooq, M.M. Yasin, M. Ashraf, M.F. Khalid, U. Mahmood and **M. Auon**. 2018. Strategies to Alleviate Heat Stress in Poultry. 6th MPS-Torino-Italy- world's Poult. Sci. J. vol. 74.
11. Farooq. U., A. Hussain, M. Ashraf, M.F. Khalid, U. Mahmood, M.Q. Bilal, **M. Auon** and M.K. Bashir. 2018. Effect of Supplementation of Exogenous Xylenase and Mananase Enzymes on the Growth Performance of Broiler in Tropics. 6th MPS-Torino-Italy- World's Poult. Sci. J.vol. 74.
12. Ashraf. M., U. Mahmood, A. Mustafa, M.F. Khalid, F. Ahmad, U. Mahmood and **M. Auon**. 2018. Comparative Efficiency of Neem, Aloe Vera and Moringa Leaf Extract on Immune Response of Broiler. 6th MPS-Torino-Italy- World's Poult. Sci. J.vol. 74.
13. Farooq. U., M.F. Khalid, M.K. Bashir, M. Ashraf, U. Mahmood, **M. Auon**, M. Usman. B.E. Mustafa and A. Raza. 2018. Is there any Relation between Consumption of Meat and Health Issue; Perception of Youth. 6th MPS-Torino-Italy- World's Poult. Sci. J. vol. 74.
14. Farooq. U., M.F. Khalid, M.K. Bashir, M. Ashraf, U. Mahmood, **M. Auon** and A. Raza. 2018. Chicken, Mutton, Beef or Fish; What Litrary Youth of District Toba Tek Singh Like to Eat. 6th MPS-Torino-Italy- World's Poult. Sci. J.vol. 74.
15. Ashraf, M., U. Farooq, M.F. Khalid, U. Mahmood, M. Usman, **M. Auon**, B.E. Mustafa, and S. Hussain. 2018. Choice of Strain and Adoption of Bio-Security can Help Reducing Disease outbreaks in Commercial Layer Production. 6th MPS-Torino-Italy- World's Poult. Sci. J.vol. 74.

16. Khalid, M.F., U. Farooq, M.K. Bashir, **M. Auon**, B.E. Mustafa, Q. Bilal and A. Abbas. 2018. Effect of Replacement of Choline with Betaine on Organoleptic Properties. Int. Conf. Appl. Zool. 10-11, Oct.
17. Khalid, M.F., U. Farooq, M.K. Bashir, **M. Auon**, M.Q. Bilal and A. Ali. 2018. ICAZ-2018. Effect Of Pomegranate Peel Powder Supplementation on Organoleptic Properties of Broiler Meat. Int. Conf. Appl. Zool. 10-11, Oct.
18. Farooq, U., M.F. Khalid, U. Mahmood, M. Usman, **M. Auon**, M. Afzal. 2018. Semen Supplementation L-Carnitine Improves Chicken Sperm Survival During Liquid Semen Storage. Int. Conf. Appl. Zool. 10-11, Oct.
19. Ali, K., P. Akhter, Rehman. M. U., M.F. Khalid, M. Ashraf, S. Masood, M. Ai, S. Ahmad, M. Tariq, **M. Auon**, U. Hasan, R. Mustafa. 2017. Effects of Natural Antioxidants, Carminative and Antiflatulent Agents on Growth Performance, Hematological and Serological Response in Broilers. Intl. Poult. Conf. and Expo.
20. Khan, E., U. Farooq, U. Hassan, M.F. Khalid, M.K. Bashir, S.U. Rehman, M. Asshraf, **M. Auon**, M. Mahmood, U. Mahmood, P. Akhtar, M. Usman and M. Ashraf. 2017. Awareness, Development and Customization of Meat Processing Industry. Int. Conf. Foods. Anim. Origin. 30-31 march 2017.
21. Mahmood, U., S.U. Rehman, P. Akhtar, K. Jilani, S. Bukhari, S. Mahmood, M.F. Khalid, M.K. Bashir, U. Farooq, **M. Auon** and M. Ashraf. 2017. Good Protein and Bad Protein: Biochemical Correlation of Bad Protein with Type II Diabetes. Int. Conf. Appl. Zool. 10-11, Oct.
22. Farooq, U., M.F. Khalid, M.K. Bashir, S.U. Rehman, M. Asshraf, **M. Auon**, M. Mahmood, U. Mahmood, P. Akhtar, M. Usman, M. Ashraf and A. Fayyaz. 2017. Pigeon Meat –Potential Source of Diversified Animal Food in Pakistan. Int. Conf. Foods. Anim. Origin. 30-31 march 2017.
23. Farooq, U., M.F. Khalid, M.K. Bashir, , S.U. Rehman, M. Asshraf, **M. Auon**, U. Hassan, M. Mahmood, , U. Mahmood, P. Akhtar, M. Usman, M. Ashraf and A. Fayyaz. 2017. Japanese Quail- Excellent Source of Quality Meat and Eggs. Int. Conf. Foods. Anim. Origin. 30-31 march 2017.
24. Zulfiqar, Z., U. Farooq, U.H. Khan, M.F. Khalid, M.K. Bashir, S.U. Rehman, M. Ashraf, **M. Auon**, M. Mahmood, U. Mahmood, P. Akhtar, M. Usman and M. Afzal. 2017. Role of Nanotechnology in Food Processing and Preservation. Int. Conf. Foods. Anim. Origin. 30-31 march 2017.
25. Farooq, U., E. Khan, U.H. Khan, M.F. Khalid, M.K. Bashir, S.U. Rehman, M. Ashraf, **M. Auon**, M. Mahmood, U. Mahmood, P. Akhtar, M. Usman and M. Afzal. 2017. A Glance: Consumer Behavior, Attitude and Knowledge. Int. Conf. Foods. Anim. Origin. 30-31 march 2017.
26. Mumtaz, Q., Z.U. Rehman, U. Farooq, M.F. Khalid, M.K. Bashir. S.U. Rehman, U. Mahmood, M. Ashraf, **M. Auon** and P. AKhtar. 2017. L-Carnitine Supplementation improves Broiler Performance in Tropics. World. Vet. Poult. Assoc. Cong. 4-8 September 2017.
27. Ashraf, M., U. Farooq, M.F. Khalid, M.K. Bashir. S.U. Rehman, U. Mahmood, **M. Auon** and P. Akhtar. 2017. Investigation of Supplementation of Neem and Aloe Vera Extracts on Growth Performance of Broilers. World. Vet. Poult. Assoc. Cong. 4-8 september 2017.
28. Mumtaz, Q., U. Farooq, Z.U. Rehman, M.F. Khalid, M.K. Bashir. S.U. Rehman, U. Mahmood. M. Ashraf, **M. Auon** and P. AKhtar. 2017. Influence of Vitamin C Supplementation in Chicken Broilers to Ameliorate the Transportation Stress in Tropic. World. Vet. Poult. Assoc. Cong. 4-8 September 2017.
29. Khan, M.E., U. Farooq, M.F. Khalid, M.K. Bashir, S.U. Rehman, U. Mahmood. M. Ashraf, Z.U. Rehman, **M. Auon** and P. Akhtar. 2017. Effect of Choline Supplementation on Hematological Parameters of Broilers under Continuous Heat Stress. World. Vet. Poult. Assoc. Cong. 4-8 September 2017.

30. Khan, M.E., U. Farooq, M.F. Khalid, M.K. Bashir. S.U. Rehman, U. Mahmood. M. Ashraf, Z.U. Rehman, **M. Auon** and P. Akhtar. 2017. Effect of Betaine Supplementation on Growth Performance of Broilers in Tropic. World. Vet. Poult. Assoc. Cong. 4-8 September 2017.
31. Mumtaz, Q., Z.U. Rehman, U. Farooq, M.F. Khalid, M.E. Khan, S.U. Rehman, M.K. Bashir, M. Ashraf, U. Mahmood, **M. Auon** and P. Akhtar. 2017. Effect of Sodium Bicarbonate Supplementation on Blood Parameters of Broiler. World. Vet. Poult. Assoc. Cong. 4-8 september 2017.
32. Afzal, M., U. Farooq, M.F. Khalid, M.K. Bashir. S.U. Rehman, M. Ashraf, U. Mahmood, **M. Auon** and P. AKhtar. 2017.Consumer Health Risks Associated with Broilers Meat containing Antibiotics Residues and Potential Solutions.3rd Int. Conf. safe food for all.2-3,2017
33. Khaild, M.F., U. Farooq. M. Afzal, M.K. Bashir. S.U. Rehman, M. Ashraf, U. Mahmood, **M. Auon** and P. Akhtar. 2017. Sakmonella Contamination of Chicken Meat and Itd Effects on Consumer. 3rd Int. Conf.safe food for all. 2-3,2017
34. Mahmood, U., S.U. Rehman, P. Akhtar, M.F. Khalid, M.K. Bashir, U. Farooq, **M. Auon**. M. Usman and M. Ashraf. 2017. Relationship and difference between Food Security and Nutrition Security. Int. Conf. Adv. Agri. Resou. Manegm. 5-7,2017
35. Farooq, U., M.F. Khalid, M.K. Bashir, M. Arslan, **M. Auon**. W. Abbas and P. Akhtar. 2016. Use of Natural Growth Promoters in Japanese quail Diet. World. Poult. Congress.5-9 September, 2016.
36. Farooq, U., M.F. Khalid, M.K. Bashir, M.A. Shehzad, M. Arslan, **M. Auon** and P. Akhtar. 2016. Japanese Quail (*Coturnix coturnix Japonica*) Growth Better on Feed Supplemented with Neomycin rather than Organic Acid. World. Poult. Congress.5-9 September, 2016.

Book Chapters:

1. Innovative Strategies: Redefining E. coli control in poultry without Antibiotic, Complementary and alternative medicines prebiotics and probiotics ISBN 978-969-2201-15-5, 2024.
2. Metabolic Disorders of Poultry, Animal Health Perspectives, volume I.

Book:

1. Veterinary Pharma Guide