

Curriculum Vitae

Personal Details

Name : Muqader Shah
Father's Name : Hanim Shah
Date of Birth : June 17, 1981
Marital Status : Married
Nationality : Pakistani
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Address : College of Veterinary Sciences, Faculty of
Animal Husbandry and Veterinary Sciences,
The University of Agriculture, Peshawar

Objective

To join an esteemed organization at a challenging & respectable position, offering long-term structured & defined progression where I can contribute to the organization with a commitment to excellence.

Qualifications

- **Ph.D. (Anatomy and Histology)** with 3.76 CGPA (2018)
University of Veterinary and Animal Sciences, Lahore (Pakistan)
- **MSc (Hons) (Anatomy)**
With 3.35 CGPA (2006)
University of Agriculture, Faisalabad (Pakistan)
- **DVM** with marks of 2340/3880 (2003)
University of Agriculture, Faisalabad (Pakistan)
- **F.Sc** with first division 786/1100 (1999)
B.I.S.E. Peshawar (Pakistan)
- **MATRIC** with first division 654/850 (1997)
B.I.S.E. Peshawar (Pakistan)

Experience

- 4 years' teaching experience as lecturer (BS-18) in Anatomy, University of Arid Agriculture, Rawalpindi (Pakistan).
- Lecturer (BPS-18), College of Veterinary Sciences, The University of Agriculture Peshawar, Pakistan (from 12/05/2011 to 17/09/2017).
- Assistant Professor (BS-19), College of Veterinary Sciences, The University of Agriculture Peshawar, Pakistan (from 18/09/2017 to date).
- Three months experience as Dairy officer at Ranja Dairy Farm (Okarra) Punjab (Pakistan).

Administrative Experience

- Coordinator Doctor of Veterinary Medicine (DVM) Class
- Coordinator Diploma in Veterinary Medicine (DVS)
- Chief supervisor Education Testing Council, HEC Pakistan

Skills: MS Word, MS Excel, End Note, Image J Analysis software, Pixel Pro for Histo morphometry, MS Power Point, Internet.



Personality Analysis

STRENGTHS:

- Learning Ability
- Passion
- Time Management
- Good communication skills
- Commitment
- Analytical skills
- Honest and Punctual

Major Courses of Study

- ▣ General Veterinary Anatomy
- ▣ Systemic Veterinary Anatomy
- ▣ Applied Anatomy
- ▣ Comparative Anatomy of Endocrine glands
- ▣ Surgical Anatomy
- ▣ Neuroanatomy
- ▣ Comparative vertebrate Morphology
- ▣ Anatomy of reproductive system
- ▣ Systemic anatomy and Histology of camel
- ▣ Veterinary radiology
- ▣ Meat and milk hygiene
- ▣ General Veterinary Histology & Embryology
- ▣ Systemic Veterinary Histology
- ▣ Advanced Histology (General)
- ▣ Advanced Histology (Systemic)
- ▣ Histological and Histochemical Techniques
- ▣ Systemic Anatomy and Histology of camel
- ▣ Mammalian Embryology
- ▣ Advanced Biochemical Techniques
- ▣ Microbiology and Immunology
- ▣ Clinical Laboratory Aids in Diagnosis
- ▣ Small and Large Animal Surgery
- ▣ General and systemic Pathology
- ▣ Veterinary
Entomology, parasitology, Protozoology
- ▣ General and Systemic Pharmacology and Toxicology
- ▣ Bacteriology
- ▣ Animal Nutrition

<i>Sr.No</i>	<i>Title research paper with name of journal and date of publication</i>	<i>Principal or Co –author</i>
1	Shah M, Zaneb H, Masood M, Khan RU, Mobashar M, Khan I, Din S, Khan M S, Rehman H R, Tinelli A. 2020. Single or combined applications of zinc and multi-strain probiotic on intestinal histomorphology of broilers under cyclic heat stress. Probiotics and Antimicrobial Proteins.12:473-480. (IF. 5.265) (https://doi.org/10.1007/s12602-019-09561-6)	Principal author
2	Shah M , Zaneb H, Masood S, Khan RU, Ashraf S, Sikandar A, Rehman HFU , Rehman H. 2019. Effect of Dietary Supplementation of Zinc and Multi-Microbe Probiotic on Growth Traits and Alteration of Intestinal Architecture in Broiler. Probiotics and Antimicrobial Proteins. 11:931-937.(IF. 5.265) (https://doi.org/10.1007/s12602-018-9424-9)	Principal author
3	Shah M, Zaneb H, Masood S, Khan R U, Din S, Shakirullah, Khan I, Tariq A, Rehman H. 2019. Ameliorative effect of zinc and multi-strain probiotic on muscle and bone characteristics in broiler reared under cyclic heat stress. Pakistan J. Zool. 51(3): 1041-1046. (IF. 0.687). (DOI: http://dx.doi.org/10.17582/journal.pjz/2019.51.3.1041.1046)	Principal author
4	Shah M, Zaneb H, Masood S, Khan I, Sikandar A, Ashraf S, Rehman H.F, Usman M.M, Khan F.A, Amanullah H, Rehman H. 2018. Effect of zinc and probiotics supplementation on performance and immune organs morphology in heat stressed broilers. South African Journal of Animal Science. 48 (6):1017-1025 (IF. 0.977) (http://dx.doi.org/10.4314/sajas.v48i6.3)	Principal author
5	Shah M, Zaneb H, Masood S, Qureshi AS, Ullah HA, Sikandar A, Din S, Ahmad I, Khan MS, Rehman HU, Usman M 2020. Effect of single or combined supplementation of zinc and probiotics on muscle and bone characteristics and haematobiochemical profile in broilers. Veterinarni Medicina.65 (03): 134–142. (IF. 0.746) (https://doi.org/10.17221/152/2019-VETMED)	Principal author
6	Sikandar A, Nasir A, Rehman A, Ali HM, Shah M, Adil M, Khan I , Khan NM. 2021. Histopathology: an old yet important technique to diagnose paratuberculosis in non-descript water buffaloes. Buffalo Bulletin. 40(4):557-564. (IF. 0.2)	Co –author
7	Khan I , Zaneb H, Masood S , Ashraf S, Rehman FH, Tahir SJ, Rehman HU, Khan A, Taj R , Rahman SU, Shah M. 2022. Supplementation of Selenium Nanoparticles-Loaded Chitosan Improves Production Performance, Intestinal Morphology, and Gut Microflora in Broiler Chickens. The Journal of Poultry Science. 59(3):272-281. (IF. 1.768) (doi: 10.2141/jpsa.0210026)	Co –author
8	Mushtaq M, Sadique U, Said F, Shah M, Amanullah H, Anwer F. 2022. Immunomodulatory and hepato-protective role of water based supplemented Bacillus clausii in broiler chicks. Journal of the Saudi Society of Agricultural Sciences. 21: 108-113. (https://doi.org/10.1016/j.jssas.2021.07.003)	Co –author
9	Hafeez A, Sohail M, Ahmad A , Shah M, Din S, Khan I, Shuiab M, Nasrullah , Shahzada W , Iqbal M, Khan RU. 2020. Selected herbal plants showing enhanced growth performance, ileal digestibility, bone strength and blood metabolites in broilers, Journal of Applied Animal Research, 48(1): 448-453. (IF.1.987) (https://doi.org/10.1080/09712119.2020.1818569)	Co –author
10	Din S, Masood S, Zaneb H, Rehman H, Ashraf S, Khan I, Shah M, Hadi S A 2020. An osteometric study of the skull of adult beetal goat. The Journal of Animal & Plant Sciences, 30(4): 828-835. (IF. 0.570) (https://doi.org/10.36899/JAPS.2020.4.0097)	Co –author
11	Bilal W, Tahir SK, Siddiqua A, Yousaf MS, Ahmad S, Naseem M, Shah M, Iqbal S, Rehman H. 2019. Effects of supplementation of zinc sulphate and Lactobacillus based probiotic on redox status and liver health in broilers. Mitteilungen Klosterneuburg Journal. 69 (9). (IF. 0.512)	Co –author

12	Chand N, Zahirullah, Khan RU, Shah M, Naz S, Tinelli A. 2020. Zinc source modulates zootechnical characteristics, intestinal features, humoral response, and paraoxonase (PON1) activity in broilers. <i>Tropical Animal Health and Production</i> . 52:511-515.(IF. 1.893) (https://doi.org/10.1007/s11250-019-02036-4)	Co –author
13	Alam S, Masood S, Zaneb H, Rabbani I, Khan RU, Shah M, Ashraf S, Alhidary IA. 2020. Effect of <i>Bacillus cereus</i> and Phytase on the Expression of Musculoskeletal Strength and Gut Health in Japanese Quail (<i>Coturnix japonica</i>). <i>The Journal of Poultry Science</i> . 57:200-204. (IF. 1.768) (doi:10.2141/jpsa.0190057)	Co –author
14	Rehman HF, Zaneb H, Masood S, Yousaf MS, Ashraf S, Khan I, Shah M, Khilji MS, Rehman H. 2018. Effect of <i>Moringa oleifera</i> leaf powder supplementation on pectoral muscle quality and morphometric characteristics of tibia bone in broiler chickens. <i>Brazilian Journal of Poultry Science</i> . 20(4): 817-824. (IF. 1.019) (http://dx.doi.org/10.1590/1806-9061-2017-0609)	Co –author
15	Din S, Masood S, Zaneb H, Rehman HU, Ashraf S, Khan I, Shah M, Hadi SA. 2020. Gross and clinical anatomy of the skull of adult Chinkara (<i>Gazella bennettii</i>). <i>Pakistan J. Zool</i> . 52(5):1723-1733.(IF.0.687) (https://dx.doi.org/10.17582/journal.pjz/20190207070209)	Co –author
16	Shah M, Qureshi A, Rehan S, Hussain R. 2010. Morphometric evaluation of blood pressure regulating organs in teddy goats (<i>Capra hircus</i>) in relation to age and sex. <i>Pak Vet J</i> . 30: 49-52. (IF. 1.803)	Principal author
17	Ullah H, Khan J, Khan M, Sadique U, Shah M, Idrees M, Shah Z. 2013. Clinico-therapeutical trials of lactic acidosis in small ruminants. <i>Journal of Animal and Plant Sciences</i> . 23 (1 Supplement): 80-83 (IF. 0.570).	Co –author
18	Qureshi AS, Shah M, Rehan S, Pasha RH, Ullah HA. 2013. Histomorphometrical Investigations on the Heart, Kidneys and Adrenal Glands in Normal Teddy Goats (<i>Capra hircus</i>) Using Image Analysis System. <i>Pak Vet J</i> . 33 155-159. (IF. 1.803).	Co –author
19	Khan I, Zaneb H, Masood S, Rehman HFU, Shah M, Abbas G, Salahud Din HY, Yousaf MS, Shaheen K, 2015. Effect of <i>Moringa oleifera</i> Leaf Supplementation on Intestine Morphology and Growth Performance in Broiler Chickens. <i>Scholar’s Advances in Animal and Veterinary Research</i> , 2 (1): 25-31 (http://dx.doi.org/10.1590/1806-9061-2017-0609)	Co –author
20	Ullah HA, Durrani AZ, Ijaz M, Javeed A, Sadique U, Hassan ZU, Rahman AU, Shah M, Khattak I. 2016. Dietary mycotoxins binders: a strategy to reduce aflatoxin m1 residues and improve milk quality of lactating Beetal goats. <i>Journal für Verbraucherschutz und Lebensmittelsicherheit</i> . 11 (4): 305-309. (IF. 2.628) (DOI 10.1007/s00003-016-1046-0)	Co –author
21	Mushtaq M, Sadique U, Chand N, Ahmed I, Shah SSA, Ahmad I, Ullah I, Shah M. 2016. Biochemical Effect of Water Based Infusion of <i>Withania somnifera</i> in Broiler Production. <i>Meat Sciences and Veterinary Public Health</i> . 1(1): 17-20.	Co –author
22	Sikandar A, Zaneb H, Younus M, Masood M, Aslam A, Shah M, Rehman H. 2017. Growth performance, immune status and organ morphometry in broilers fed <i>Bacillus subtilis</i> -supplemented diet. <i>South African Journal of Animal Science</i> . 47(3): 378-388. (IF. 0.977)(http://dx.doi.org/10.4314/sajas.v47i3.14)	Co –author
23	Anas SQ, Muhammad SK, Muhmmad GS, Yusuf A, Konto M, Muqadar S, Khan SA. 2017. Functional Morphometric Research on Blood Regulating Organs in Animal Models with Special Emphasis on Cardiovascular Conditions: A Review. <i>Human Anatomy Open Access Journal</i> . 1(1): 1-11.	Co –author
24	Ashraf S, Zaneb H, Masood S, Yousaf S, Usman M. M, Rehman H. F, Sikandar A, Shah M and Rehman H. 2020. Growth performance, hormonal dynamics and intestinal microarchitecture in broilers fed β -galacto-oligosaccharides during cyclic cold stress. <i>The J. Anim. Plant Sci</i> . 30(2):288-297 (IF. 0.570) (https://doi.org/10.36899/JAPS.2020.2.0043)	Co –author

25	Ahmed S, Ahmad I, Ahmad S, Shah Z , Shah M, khan FA, Ahmad I. 2018. Analysis of Pilus Biogenesis Genes in Bacteria Expressing Type IV Pili. Kafkas Univ Vet Fak Derg. 25 (1): 125-128. (IF.0.633) (DOI: 10.9775/kvfd.2018.19910)	Co –author
26	Iqbal N, Khan M T, Amanullah H, Din I U, Khan H, Shah M, Mushtaq M. 2019. Effect of feeding different levels of discarded date palm (Phoenix dactylifera) on digestibility, milk yield, and composition in Damani sheep. Tropical Animal Health and Production. 51:2181-2186. https://doi.org/10.1007/s11250-019-01919-w . (IF. 1.893)	Co –author
27	Khan H, Khan FA, Sadique U, Ahmad S, Hassan ZU, Ahmad F, Shah M, Ahmad I, Shah Z, Rehman ZU. 2019. Genotoxic and toxicopathological effect of Aflatoxin B1 in grass carp (Ctenopharyngodon idella). Kafkas Univ Vet Fak Derg. 25 (6): 841-848 (IF. 0.633) (DOI: 10.9775/kvfd.2019.21988)	Co –author
28	Khan FA, Chen Xi , Shoaib M, Shah M, Ahmad F, Khan H, Rehman F U, Saeed M, Ahmad I, Ahmad I, Guo A. 2019. Two dimensional gel electrophoresis (2-DE) for high-throughput proteome analyses of Mycoplasma bovis. Acta Biochimica Polonica. 66(3):321-327. (IF. 2.349) (https://doi.org/10.18388/abp.2019_2794)	Co –author
29	Din S, Masood S, Zaneb H, Rehman H R, Ashraf S, Khan I, Shah M, Hadi SA. 2019. Osteometric and Radiographic Studies of Tarsal Bones in Adult Chinkara (Gazella bennettii). Pakistan J. Zool. 51(6): 2033-2040. (IF. 0.687) (DOI: http://dx.doi.org/10.17582/journal.pjz/2019.51.6.2033.2040)	Co –author
30	Ullah HA, Durrani AZ, Ijaz M, Javeed A, Shah M, Haq I. 2019. Effects of dietary aflatoxin B1 on physiological biomarkers with special reference to udder health of lactating goats. Pakistan J. of Zool. 52(1): 1-4. (IF. 0.687) (DOI: https://dx.doi.org/10.17582/journal.pjz/2020.52.1.sc10)	Co –author
31	Mushtaq M, Khan IU, Shuaib M, Chand N, Sufyan A, Shah M, Islam Z, Uzair MS, Khan A, Ullah Q , Zeb U. 2023. Effect of Probiotic Bacillus clausii on Production Parameters and Intestinal Histomorphology of Meat-Type Chicken. Pakistan J. Zool. 1-8, DOI: https://dx.doi.org/10.17582/journal.pjz/20230228080217	Co –author
32	Mushtaq M, Shuaib M, Abdullah M, Iqbal A , Sufyan A, Khan MI, Shah M, Nawaz NUA , Siddiqui SA , Mahmood A, Uzair MS. 2024. Biochemical Assessment of Oxidative Status and Liver Biomarkers in Acetaminophen Associated Hepatic-Toxicity in Broiler Chicks. Pakistan J. Zool. DOI: https://dx.doi.org/10.17582/journal.pjz/20230613050644	Co –author
33	Mushtaq M, Shuaib M, Iqbal A, Sufyan A , Shah M , Nawaz NUA, Khan MI, Khan H, Uzair MS , Ullah Q, Zeb U. 2024. Antibacterial and Immuno-Modulatory Effects of Probiotics and Phytobiotics in Spent Rhode Island Red Layers. Pakistan J. Zool. DOI: https://dx.doi.org/10.17582/journal.pjz/20230305080346	Co –author

Research Interests

- 1) Effect of various dietary supplementation on gross morphology of poultry and small ruminants
- 2) Effect of various dietary supplementation on histomorphology and physiological/ biochemical parameters of poultry and small ruminants
- 3) Probiotics and its effects on gut morphology

Trainings /Seminars/Workshops

- 4) One month training in the following discipline in Natural Product Research Institute, College of Pharmacy, Seoul National University, Republic of Korea.
- 5) Cell culturing techniques (RAW264.7 macrophages, A549 Lungs cancer cell line, Caki Kidney cancer cell line).
- 6) Western immunoblotting techniques.
- 7) Semi quantitative reverse transcriptase (RT-PCR).
- 8) Analyzing nitric oxide, MTT or Cell Viability determination using UV-micro plate reader.
- 9) Bradford method for protein analysis.
- 10) Analyzing nuclear factor κ B (NF- κ B) SEAP Reporter gene assay using Fluorometer.

- 11) Animals experiments for the investigation of anti-inflammatory and anti-cancer activities (paw edema test in mice, Formalin test, acetic acid- induces vascular permeability test in mice and rates).
- 12) 4 month training in the following discipline at the Department of Theriogenology and Biotechnology, Seoul National University, South Korea.
- 13) Mammalian embryology.
- 14) Developmental stages of embryo.
- 15) Formation of three germ layers.
- 16) Organogenesis.
- 17) The 3rd International Workshop of Asian Society of Zoo and Wildlife Medicine & the 1st Meeting of Korean Society of Zoo and Wildlife Medicine South Korea, August 20, 2009.
- 18) Two days' workshop on "Applications of Polymerase Chain Reaction (PCR)" held on 25-26 September 2021, organised by College of Veterinary Sciences, Faculty of Animal Husbandry and Veterinary Sciences, The University of Agriculture Peshawar, Pakistan.
- 19) Two days training on Biorisk management (refresher course) organized by Association for Biorisk management in collaboration with Health Security Partners and The University of Agriculture Peshawar (Pakistan) held on October 31 to 1st November 2019.
- 20) International Workshop on Dairy Science Park, November 21-23, 2011 KPK Agricultural University Peshawar, Pakistan.
- 21) Training of National Cadet Corps in Kohat Battalion (7-10-1997 to 25-11-1998) at Government Post Graduate College Kohat (KPK)
- 22) Two days training of presiding officers & senior presiding officers General Elections-2018 organized by Election Commission of Pakistan.
- 23) Promoting Peace in Khyber Pakhtunkhwa and FATA connecting Youth and Policymakers through Mediation and Dialogue, December 13-17, 2012, Peshawar (Pakistan).
- 24) 2nd International Workshop on Dairy Science Park, November 18-20, 2013. The University of Agriculture Peshawar, Pakistan.
- 25) Two day National workshop on "Informatics Microsoft Office" & "Endnote for writing Manuscripts" 26-27th December, 2014. University of Veterinary and Animal Sciences Lahore (Pakistan).
- 26) One day workshop on "Developing a winning research proposal" held on 26th December 2018 at The University of Agriculture Peshawar (Pakistan).
- 27) One day workshop on Acupuncture techniques held on 17th January, 2019 at Department of Animal Health, the University of Agriculture Peshawar, Pakistan.
- 28) One day workshop on "Integration of ICT in Agriculture and Applied Research" held on 21st February 2019 at The University of Agriculture Peshawar (Pakistan).
- 29) Two days' workshop on "Conventional and molecular diagnosis of Clostridium perfringens for the control of enterotoxaemia in small ruminants" held on 2nd-3rd May 2019 at University of Agriculture Peshawar (Pakistan).
- 30) Participated in the Cascading of AIT based Training program "Ensuring Training Effectiveness" (July 09-11, 2012) sponsored by Higher Education Commission of Pakistan in collaboration with Agricultural University Peshawar.
- 31) Two days' workshop on "Maiz Silage Production and Rumen Cannulation surgery" (February 13-14, 2019) organized by Department of Animal Nutrition, The University of Agriculture Peshawar in collaboration with USAID, Agriculture Innovation Program Pakistan.
- 32) Participated as organizer in the Pets and bird show held on 7th March, 2023 at University of Agriculture Peshawar, Pakistan.
- 33) Participated as organizer in on day hands on workshop on artificial insimination in goats held on October 24, 2023 in College of Veterinary Sciences, The University of Agriculture Peshawar, Pakistan.

Membership

- 1) Registered as Veterinary Medical Practitioner (Pakistan Veterinary Medical Council)
- 2) Registered as Veterinary Medical Faculty (Pakistan Veterinary Medical Council)
- 3) Member of disciplinary committee in Faculty of Animal Husbandry and Veterinary Sciences, The University of agriculture Peshawar, Pakistan
- 4) Reviwer of journal (Advances in Animal and Veterinary Sciences)
- 5) Editorial board (EPH-International Journal of Agriculture and Environmental Research)
- 6) Editorial board (Annals of Veterinary Science)
- 7) Agriculture University teachers Association (The University of Agriculture Peshawar, Pakistan)
- 8) Society for theriogenology and reproductive medicine