

DR. MUHAMMAD KASHIF IQBAL

DVM | BCSE | NAVLE | PhD China (Clinical Veterinary Medicine)

Email: mkashifiqbal@cuvas.edu.pk | **Phone:** +92-307-040-3064

Professional Summary

Foreign-trained veterinarian with NAVLE and BCSE credentials and over 8 years of experience in small animal medicine, surgery, and diagnostics. Skilled in spay/neuter surgeries, anesthesia management, radiology, ultrasonography, and preventive healthcare. Adept at delivering high-quality clinical care, mentoring veterinary students, and implementing evidence-based treatment protocols. Seeking an Associate Veterinarian position in a progressive small animal practice to provide exceptional patient care and client education.

Core Competencies

- Spay & Neuter (Dogs, Cats, Rabbits)
- Soft Tissue Surgery
- Radiology & Ultrasonography
- Anesthesia & Pain Management
- Dentistry (Scaling & Polishing)
- Vaccination & Preventive Care
- IV Catheterization & Fluid Therapy
- Laboratory Diagnostics
- Client Communication & Education

Professional Experience

Assistant Professor (2018 – Present)

Cholistan University of Veterinary & Animal Sciences (CUVAS) Bahawalpur-Pakistan

- Performed spay/neuter procedures for cats, dogs, and rabbits, along with soft tissue surgeries.
- Conducted diagnostic imaging including radiography and ultrasonography.
- Delivered preventive care services, anesthesia protocols, and wound management.
- Performed dental procedures including scaling and polishing.
- Mentored students in clinical medicine, surgery, and diagnostic practices.
- Supervised postgraduate research and published 35+ articles in peer-reviewed journals.

Private Veterinary Practitioner (Part-Time) (2020 – Present)

Private Small Animal Clinic

- Independently manage and operate a private veterinary clinic alongside academic role.
- Handle high patient volumes including medical, surgical, and emergency cases.
- Perform spay/neuter, wound management, and minor surgical procedures.
- Conduct diagnostic procedures including imaging and lab testing.
- Deliver client consultations, treatment planning, and follow-ups.
- Manage clinic operations, inventory, and staff coordination.

Senior Veterinarian (2017 – 2018)

Private Small Animal Clinic

- Provided comprehensive medical and surgical care for dogs, cats, and small mammals.
- Performed elective surgeries and emergency procedures with anesthesia management.
- Implemented vaccination programs, parasite prevention, and nutritional counseling.
- Managed client communications and treatment planning for high-quality patient care.
- Supervised junior staff and improved standard operating procedures for efficiency.

Veterinary Officer (2013 – 2014)

Modern Dairy Farm

- Managed herd health programs and implemented preventive medicine strategies.
- Diagnosed and treated metabolic and infectious diseases in large animals.
- Oversaw reproductive health programs including heat detection and artificial insemination.
- Supervised calf rearing, housing, and nutrition to optimize production.

Education & Certifications

PhD – Clinical Veterinary Medicine, Huazhong Agricultural University, China (2017)

M.Phil – Clinical Medicine, University of Veterinary and Animal Sciences, Pakistan (2014)

DVM – University of Veterinary and Animal Sciences, Pakistan (2012)

BCSE – National Examination Board (2024)

NAVLE – International Council for Veterinary Assessment (2025)

Completed Project

- Project Title: Clinico-Epidemiology Investigation of Methicillin Resistant *Staphylococcus aureus* from subclinical mastitis in dairy goats
Funding Agency: Higher Education Commission (HEC) Islamabad

Skill Set

- real-time Quantitative PCR
- Immunohistochemistry
- Western Blot analysis
- gel electrophoresis
- H&E staining
- Phylogenetic analysis

- PCR
- tRNA extraction
- cDNA synthesis
- Immunohistochemistry
- Anesthesia management
- Clinical pathology of small animals,
- Client education
- DNA sequencing
- In vivo modeling: Mouse and chicken
- Data analysis with R
- SPSS Soft tissue surgery
- Diagnosis and treatment
- Radiology
- Ultrasonography

Honors & Award

- Passed **North American Veterinary Licensing Examination (NAVLE)** held by International Council for Veterinary Assessment (ICVA) in April 2025
- Passed **Basic Clinical Science Exam (BCSE)** held by National Examining Board (NEB), Canadian Veterinary Medical Association (CVMA) in January 2024
- Awarded **Chinese Government Scholarship (2014- 2017)** for PhD
- Awarded Start up research grant project from HEC Islamabad
- Awarded the status of **HEC approved PhD supervisor**
- Invited Reviewer from impact factor Journals (**Acta Tropica, Microbial Pathogenesis, Inflammation, Biomed Research International, International Immunopharmacology, Toxicology Mechanisms and Methods, NPJ Science of Food and Frontiers in Veterinary Science**)
- Membership of **Canadian Veterinary Medical Association**
- Life time membership of **Pakistan Veterinary Medical Council** (PVMC Registration Code: RVMP/ 6499)
- **Editorial Board Member of Animal and Veterinary Science Journal and Frontiers in Veterinary Science**

Co-supervisor of Mphil student

- Student's Name: Mr. Hammad Nayyar Ghauri Reg No: 2017-VA-095
Thesis title: Molecular Diagnosis and Chemotherapy of Canine Anaplasmosis. M. Phil degree completed

Publications

Sr. #	Title	Impact Factor
1.	Muhammad Kashif Iqbal , Khalid Mehmood, Shakeel Ahmed, Fazul Nabi, Muhammad Arif Rizwan, Muhammad Kaleem, Mushtaq Ahmad, Abdul Waheed and Jiakui Li (2022). FK228 ameliorates the liver toxicity and oxidative stress on thiram-induced tibial dyschondroplasia in chicken. Pakistan Journal of Zoology, 54(6): 2571-2576.	0.5

2.	Iqbal MK , Nabi F, Rehman MU, Mehmood K, Huang S, Zhang H, Zhang L, Iqbal M and Li J (2018). FK228 recovers the thiram-induced tibial dyschondroplasia in chicken via Hypoxia Inducible Factor-1 α . Journal of Biological Regulators and Homeostatic Agents, 32(1)-89-95.	0.8
3.	Iqbal MK , Nabi F, Mehmood K, Rehman MU, Huang S, Zhang H, Zhang L, Ahmad HI, Iqbal M, Li J and Shen Y (2018). Healing of growth plate cartilage by hypoxia Inducible Factor-1 α inhibitor Apigenin on Thiram induced Tibial Dyschondroplasia. Pakistan Veterinary Journal, 38(2): 143-148.	3.8
4.	Iqbal MK , Liu J, Nabi F, Rehman MU, Zhang H, Tahir AH, Li J (2016) Recovery of Chicken Growth Plate by Heat-Shock Protein 90 Inhibitors Epigallocatechin-3-Gallate and Apigenin in Thiram-Induced Tibial Dyschondroplasia. Avian Diseases, 60(4):773-778.	1.3
5.	Iqbal MK , Ijaz M, Aslam HB, Farooqi SH, Ahmad SS, Raheela A (2017). Prevalence and antibiotic trials against Salmonella enterica isolated from diarrheic lambs and kids. Pakistan journal of Pharmaceutical Science, 30(6):2265-2269.	0.7
6.	Fazul Nabi, Muhammad Kashif Iqbal , Hui Zhang, Mujeeb Ur Rehman, Muhammad Shahzad, Shucheng Huang, Zhaoqing Han, Khalid Mehmood, Nisar Ahmed, Bahram Chachar, Muhammad A. Arain and Jiakui Li (2018). Clinical efficiency and safety of Hsp90 inhibitor Novobiocin in avian tibial dyschondroplasia. Journal of Veterinary Pharmacology and Therapeutics, 41(6):902-911. doi: 10.1111/jvp.12692	1.5
7.	Muhammad Altaf, Muhammad Ijaz, Muhammad Kashif Iqbal , Abdul Rehman, Muhammad Avais, Awais Ghaffar and Rana Muhammad Ayyub (2019). Molecular Characterization of Methicillin Resistant Staphylococcus aureus (MRSA) and Associated Risk Factors with the Occurrence of Goat Mastitis. Pakistan Veterinary Journal, 40(1): 1-6. DOI: 10.29261/pakvetj/2019.079	3.8
8.	K. Mehmood, H. Karim, A. A. Razzaq, F. Ali, M. Abdullah, M. K. Iqbal , M. U. Saleem, S. Nawaz, M. Nazar, N. A. Malik and M. Waqas (2023). Astragaloside-Iv Inhibits Tibial Dyschondroplasia Via Pi3k/Akt /Hif-1 α Signaling In Chickens. J. Anim. Plant Sci., 33 (4). https://doi.org/10.36899/JAPS.2023.4.0474	0.6
9.	Kai-li Liu, Yan-feng He, Bo-wen Xu, Lu-xi Lin, Pan Chen, Muhammad Kashif Iqbal , Khalid Mehmood & Shu-cheng Huang (18 Oct 2023): Leg disorders in broiler chickens: a review of current knowledge, Animal Biotechnology, DOI: 10.1080/10495398.2023.2270000	1.7

10.	Hussain K, Ijaz M, Farooqi SH, Rizvi SNB, Ali A, Ghaffar A, Aqib AI, and Iqbal MK , 2018. Molecular Characterization of Clostridium perfringens toxinotypes and Type 'D' multidrug resistance profile in Diarrheic Sheep. Pakistan Veterinary Journal, 38(3): 271-275. DOI: 10.29261/pakvetj/2018.037.	3.8
11.	Khalid Mehmood, Hui Zhang, Muhammad Kashif Iqbal , Mujeeb Rehman, Muhammad Shahzad, Kun Li, Shucheng Huang, Fazul Nabi, Lihong Zhang and Li Jiakui (2017). In Vitro Effect of Apigenin and Danshen in Tibial Dyschondroplasia through Inhibition of Hsp90 and VEGF Expressions in Avian Growth Plate Cells. Avian Diseases, 61(3):372-377.	1.3
12.	Khalid Mehmood, Hui Zhang, Muhammad Kashif Iqbal , Mujeeb Ur Rehman, Kun Li, Shucheng Huang, Muhammad Shahzad, Fazul Nabi and Jiakui Li (2017). Tetramethylpyrazine Mitigates Toxicity and Liver Oxidative Stress in Tibial Dyschondroplasia Chickens. Pakistan Veterinary Journal, 38(1): 76-80.	3.8
13.	Khalid Mehmood, Hui Zhang, Kun Li, Lei Wang, Mujeeb Ur Rehman, Fazul Nabi, Muhammad Kashif Iqbal , Houqiang Luo, Muhammad Shahzad, and Jiakui Li (2018). Effects of tetramethylpyrazine on tibial dyschondroplasia incidence, tibial angiogenesis, performance and characteristics via HIF-1 α /VEGF signaling pathway in chickens. Scientific Reports, 8:2495.	3.8
14.	Khalid Mehmood, Hui Zhang, Xiong Jiang, Wangyuan Yao, Xiaole Tong, Muhammad Kashif Iqbal , Mujeeb Ur Rehman, Mujahid Iqbal, Muhammad Waqas, Hammad Qamar, Jialu Zhang and Jiakui Li (2019). Ligustrazine recovers thiram-induced tibial dyschondroplasia in chickens: Involvement of new molecules modulating integrin β 3, Ecotoxicology and Environmental Safety, 168: 205–211.	6.2
15.	Fazul Nabi, Hui Zhang, Muhammad Kashif Iqbal , Mujeeb Ur Rehman, Muhammad Shahzad, Khalid Mehmood and Jiakui Li (2018). Salvia miltiorrhiza reinstated growth plate width, liver oxidative stress and toxicity in avian Tibial Dyschondroplasia. Pakistan Journal of Zoology, 50(4): 1553-1556.	0.5
16.	Mujahid Iqbal, Hui Zhang, Khalid Mehmood, Aoyun Li, Xiong Jiang, Yaping Wang, Jialu Zhang, Muhammad Kashif Iqbal , Mujeeb Ur Rehman, Wangyuan Yao, Shijin Yang and Jiakui Li (2018). Icariin: A Potential Compound for the Recovery of Tibial Dyschondroplasia Affected Chicken via Up-Regulating BMP-2 Expression. Biological Procedures Online, 20:15.	3.7

17.	Li J, Rehman MU, H Zhang, Iqbal MK, Mehmood K, Huang S and Nabi F (2017). Antibacterial effect of the water extract of houttuyniacordata water extract against multi-drug resistant Escherichia coli. Southeast Asian Journal of Tropical Medicine and Public Health, 48(6):1260-1266.	0.1
18.	Rehman MU, H Zhang, Iqbal MK , Mehmood K, Huang S, Nabi F, Luo H, Lan Y and Li J. Antibiotic resistance, serogroups, virulence genes, and phylogenetic groups of Escherichia coli isolated from yaks with diarrhea in Qinghai Plateau, China. (2017). Gut Pathogens, 9:24 DOI 10.1186/s13099-017-0174-0.	4.3
19.	Rehman MU, H Zhang, Iqbal MK , Nabi F, Huang S, Lan Y, Mehmood K, Luo H and Li J. Antibiotic resistance of Escherichia coli in free-ranging yaks (Bosgrunniens) from Tibetan Plateau, China. Pakistan Veterinary Journal, 37(2): 139-144.	3.8
20.	Huang S, Zhang L, Rehman MU, Iqbal MK , Lan Y, Mehmood K, Hui Zhang, Gang Qiu, Fazul Nabi, Wangyuan Yao, Meng Wang, Jiakui L. (2017) High altitude hypoxia as a factor that promotes tibial growth plate development in broiler chickens. PLoS ONE 12(3): e0173698. doi: 10.1371/journal.pone.0173698.	2.9
21.	Nabi, F., Shahzad, M., Liu, J., Li, K., Han, Z., Zhang, D., Iqbal, M.K. & Li, J (2016). Hsp90 inhibitor celastrol reinstates growth plate angiogenesis in thiram-induced tibial dyschondroplasia. Avian Pathology, 45(2):187-193.	2.5
22.	Shucheng Huang, Mujeeb Ur Rehman, Gang Qiu, Houqiang Luo, Muhammad Kashif Iqbal , Hui Zhang, Khalid Mehmood and Jiakui Li (2018). Tibial dyschondroplasia is highly related to suppression of the hypoxia inducible factor (HIF)-1 α , -2 α , and -3 α expressions in chickens. Journal of Veterinary Science, 19(1): 107-115.	1.5
23.	Zhang H, Rehman MU, Li K, Luo H, Lan Y, Nabi F, Shahzad M, Huang S, Liu X, Mehmood K, Iqbal MK and Li J, 2017. Antimicrobial resistance of Escherichia Coli isolated from Tibetan piglets suffering from white score diarrhea. Pakistan Veterinary Journal, 37(1): 43-46.	3.8
24.	Zhang H, Rehman MU, Li K, Luo H, Lan Y, Nabi F, Zhang L, Iqbal MK et al. Epidemiologic survey of Japanese encephalitis virus infection, Tibet, China, 2015. Emerging Infectious Diseases. 2017. 23(6): 1023-1024. DOI: 10.3201/eid2306.152115.	7.2
25.	Lihong Zhang, Kun Li, Dongyu Liu, Shucheng Huang, Mujeeb Ur Rehman, Hui Zhang, Yanfang Lan, Lei Wang, Yanan Hao, Muhammad Kashif Iqbal , Khalid Mehmood, Xiaoqiang Wang, Yangczom Chamba, Jiakui Li (2017). Seroprevalence and risk factors associated with hepatitis E virus infections among humans and pigs in Tibet, China. Acta Tropica, 172, 102-106.	2.1

26.	Lihong Zhang, Shucheng Huang, Kun Li, Mujeeb Ur Rehman, Xiong Jiang, Xiaole Tong, Hui Zhang, Muhammad Kashif Iqbal , Khalid Mehmood, Suozhu Liu, Yaoqin Shen and Jiakui Li (2018). Molecular Detection of Indigenous Hepatitis E Virus (HEV) from Tibetan Pigs in Tibet, China. Food and Environmental Virology, 10(4): 373-377. doi: 10.1007/s12560-018-9352-6.	4.1
27.	Mujeeb Ur Rehman, Hui Zhang, Yajing Wang, Khalid Mehmood, Shucheng Huang, Muhammad Kashif Iqbal , Jiakui Li. Experimental mouse lethality of Escherichia coli strains isolated from free ranging Tibetan yaks. Microbial Pathogenesis, 109(2017), 15-19.	3.3
28.	Mujeeb Ur Rehman, Hui Zhang, Shucheng Huang, Muhammad Kashif Iqbal , Khalid Mehmood, HouqiangLuo and Jiakui Li. Characteristics of Integrins and Associated Gene Cassettes in Antibiotic-Resistant Escherichia coli Isolated from Free-Ranging Food Animals in China. Journal of Food Science, 82(8): 1902-1907.doi: 10.1111/1750-3841.13795.	3.2
29.	Shucheng Huang, Mujeeb Ur Rehman, YanfangLan, Gang Qiu, Hui Zhang, Muhammad Kashif Iqbal , Houqiang Luo, Khalid Mehmood, Lihong Zhang, and Jia-kui Li (2017). Tibial dyschondroplasia is highly associated with suppression of tibial angiogenesis through regulating the HIF-1 α /VEGF/VEGFR signaling pathway in chickens. Scientific Reports, 7: 9089. DOI: 10.1038/s41598-017-09664-6.	3.8
30.	Hui Zhang, Khalid Mehmood, Kun Li, Mujeeb Ur Rehman, Xiong Jiang, Shucheng Huang, Lei Wang, Lihong Zhang, Xiaole Tong, Fazul Nabi, Wangyuan Yao, Muhammad Kashif Iqbal , Muhammad Shahzad and Jiakui Li (2018). Icariin ameliorate thiram induced Tibial Dyschondroplasia via regulation of WNT4 and VEGF expression in broiler chickens. Frontiers in Pharmacology, 9: 123.	4.4
31.	Hammad Nayyar Ghauri, Ijaz M, Farooqi SH, Ali A, Ghaffar A, Saleem S, Iqbal MK , Aziz MU, Ghani U, Rafi Ullah M and Ahmad HM (2019). A comprehensive review on past, present and future aspects of canine theileriosis. Microbial Pathogenesis. 126:116-122.	3.3
32.	Saleem S, Ijaz M, Farooqi SH, Ghaffar A, Ali A, Iqbal MK , Mehmood K and Zhang H, (2018). Equine Granulocytic Anaplasmosis 28 years later. Microbial Pathogenesis. 119:1-8.	3.3
33.	Hafiz Ishfaq Ahmad, Muhammad Jamil Ahmad, Akhtar Rasool Asif, Muhammad Adnan, Muhammad Kashif Iqbal , Khalid Mehmood, Sayyed Aun Muhammad, Ali Akbar Bhuiyan, Abdelmotaleb Elokil, Xiaoyong Du, Changzhi Zhao, Xiangdong Liu and Shengsong Xie (2018). A Review of CRISPR-Based Genome Editing: Survival, Evolution and Challenges. Current Issues in Molecular Biology, 28: 47-68.	2.8

34.	Khalid Mehmood, Zhang Hui, Ahmad Jawad Sabir, Rao Zahid Abbas, Muhammad Ijaz, Aneela Zameer Durrani, Muhammad Hassan Saleem, Mujeeb Ur Rehman, Muhammad Kashif Iqbal , Yajing Wang, Hafiz Ishfaq Ahmad, Tariq Abbas, Riaz Hussain, Muhammad Taslim Ghor, Sadaqat Ali, Amanullah Khan, and Jiakui Li (2017). A review on epidemiology, global prevalence and economical losses of fasciolosis in ruminants. <i>Microbial Pathogenesis</i> , 109: 253-262.	3.3
35.	Nabi F, Ismail Rind M, Li Jiakui, Zulqarnain M, Shahzad M, Ahmed N, Muhammad Kashif Iqbal and Rehman MU (2017). Influence of different feed forms and particle size on efficiency of broiler production. <i>Online Journal of Animal and Feed Research</i> , 7(2): 24-28.	0
36.	Hafiz Ishfaq Ahmad, Muhammad Ijaz, Muhammad Kashif Iqbal , Khalid Mehmood, Babar Maqbool, Akhtar Rasool Asif, Muhammad Jamil Ahmad, Muhammad Zahid Farooq and Farmanullah (2018). Molecular characterization and phylogenetic analysis of bovine Fasciolosis in indigenous cattle and buffalo populations in Okara, Pakistan. <i>Scholars Journal of Agriculture and Veterinary Sciences</i> , 5(4):255-265.	0
37.	Muhammad Arif Rizwan, Waseem Yaqub, Muhammad Kaleem, Muhammad Kashif Iqbal , Amjad Islam Aqib, Mahar Abdul Qudus, Saqib Umer. Serodetection of Antibodies for <i>Mycobacterium avium</i> Sub-Species <i>paratuberculosis</i> in Sheep along with its associated Risk Factors in District Rahim Yar Khan, Punjab, Pakistan. <i>Uni. Sindh. J. Anim. Sci.</i> 2019; 3(1): 9-13.	0
38.	Sobia Mumtaz, Muhammad Kashif Iqbal , Muhammad Arif Rizwan, Muhammad Kaleem, Babar Maqbool, Muhammad Noman. Effect of Diarrhea on Serum Electrolytes and Trace Elements in Sheep and Goats. <i>Uni. Sindh. J. Anim. Sci.</i> 2023; 7(3): 57-61.	0
39.	Muhammad Asghar Khan, Muhammad Imran, Muhammad Kashif Iqbal , Muhammad Khizer Hayat, Uzma Azeem Awan, Kashif Prince & Muhammad Arif Rizwan. (2024). Comprehensive Bioinformatics Analysis Reveals GAPDH as A Prognostic Biomarker in Liver Hepatocellular Carcinoma and Head and Neck Squamous Cell Carcinoma. <i>Kurdish Studies</i> , 12(5), 434–446. https://doi.org/10.53555/ks.v12i5.3244	HEC (W)
40.	Uzma Azeem Awan, Sammina Mahmood, Sara Sarfaraz, Muhammad Amjad Bashir, Reem Alajmi, Abdullah Sethar & Habibullah Janyaro. (2024). Comprehensive Analysis of Cell Adhesion Molecule-Related/Down-Regulated by Oncogenes Expression and Methylation Patterns in Liver Hepatocellular Carcinoma: Prognostic Implications and Genetic Alterations. <i>Kurdish Studies</i> , 12(5), 877–888. https://doi.org/10.53555/ks.v12i5.3370	HEC (W)

41.	Muhammad Afzal, Inayatullah Mirani, Nargis Janyaro, Syed Sabir Ali Shah, Abdullah Sethar, Imtiaz Ali Soomro, Tamseel Saleem, Kashif Prince, Muhammad Kashif Iqbal , Muhammad Kaleem, Aqsa Mustafa, & Habibullah Janyaro. (2024). Exploring the role of tp53 in kidney renal clear cell carcinoma (kirc): expression analysis, promoter methylation, and survival analysis and mutational analysis through bioinformatics tools. <i>Journal of Population Therapeutics and Clinical Pharmacology</i> , 31(8), 2028–2038. https://doi.org/10.53555/jptcp.v31i8.7339	HEC (X)
42.	Kaleem, M., Durani, A.Z., Safdar, M., Rizwan, M.A., Khan, I., Iqbal, M.K., and Mehmood, K. Bovine brucellosis: Exploring the role of phytonutrients in treating the disease. <i>Comp Clin Pathol</i> (2024). https://doi.org/10.1007/s00580-024-03612-3	HEC (W)
Total Impact Factor		97.5

Book

- Clinical Vet Guide - Domestic Animal Medicine: A Concise Guide to Domestic Animal Medicine for Veterinary Students and Veterinarians, 1st Edition, 2020. Authors: Muhammad Ijaz, Shahid Hussain Farooqi, Khalid Mehmood, Amjad Islam Aqib, Kashif Hussain, **Muhammad Kashif Iqbal**, Ahmad Ali, Sadaqat Ali, Muhammad Altaf, Yasir Razzaq Khan, Maqbool Hussain.

Conferences, Workshops, Seminars and Symposium attended

- Workshop on Securing High Consequence Pathogens by Enhancing Personnel Reliability at Research Institutions in Pakistan from November 9-10, 2022 organized by Pakistan Biological Safety Association.
- Certificate of Participation in “One-day hands-on training on use of qgis software for disease mapping” organized by ORIC CUVAS on March 11, 2020.
- Attended five-day online Faculty Orientation Training Workshop, from November 02-06, 2020 organized by Punjab Higher Education Commission.
- Attended International Webinar “Status of Ticks and Tick-borne diseases of ruminants in Pakistan” on October 16, 2020.
- Successfully completed five days Virtual Biorisk Management Training (Basic course) organized by Association for Biorisk Management from December 28, 2020 to January 01 2021.
- Successfully completed two days Virtual Biorisk Management Training (Refresher course) organized by Association for Biorisk Management from October 6-7, 2021.

- Certificate of achievement for e-learning course “**Rinderpest Diseases Recognition**” on October 5, 2020.
- Attended online Workshop and Webinar on “Advance Molecular Techniques: An Insight view on Trouble Shooting and Primer Designing in Clinical Diagnostics” organized by CVAS Jhang on December 14, 2020.
- Attended three-day worksop on “In Service Competency Enhancement Training for University Faculty” from 28-30th January, 2019 in collaboration with Centre for Educational Policy and Administration, UVAS.
- Certificate of Participation for attending “International Webinar on Cyanide Poisoning” organized by Department of Veterinary Medicine, UVAS Lahore on September 23, 2020.
- 4 days National Workshop on “Pathological Readings for Clinicians Part II” at Dept. of Clinical Medicine & Surgery from 22nd-25th October 2018.
- 5 days Training on “Dairy Animal Clinical Examination and Equine Lameness” from 25th- 29th June, 2018.
- 2 days National Workshop on “Hands-on Training on Necropsy Practice” at Dept. of Pathology, UVAS, Lahore on 23rd- 24th April, 2018.
- Certificate of Participation in “First annual Academic Symposium for International students of Huazhong Agricultural University Wuhan, China” on 6th January, 2018.
- 2 days’ workshop on Complement Fixation Test by Dept. of Microbiology with collaboration of UDL & QOL, 7-8 April, 2014.
- One-day training course on Clinico-Pathological Investigation of Field Diseases at Department of Pathology, UVAS Lahore, April 3rd, 2014.
- Workshop on use of endnote held on 2nd April, 2014 at UVAS Lahore.
- Certificate of Participation in one-day seminar on “Benefits of Bio-Wache in Poultry Production” on 4th December, 2013.
- Seminar on Modern Concepts for Poultry Production 12th September, 2013 Dept. of Physiology in collaboration with Punjab Agriculture Research Board at UVAS Lahore.
- International Conference on Pharmaceutical Toxicology in collaboration with HEC Islamabad, Pakistan and Dept. of Clinical Neuroscience, University of Cambridge, UK. April 25-26, 2013.
- National Awareness Conference on "Tuberculosis a Zoonosis" on April 16, 2013.
- 10th Annual Conferences on Emerging Trends: Zoonosis Symposium. Infectious Disease Society of Pakistan, Shaukat Khanum Memorial Cancer Hospital and Research Center, Lahore. 22-23 February, 2013.
- 5th One-day workshop on Young Researchers Skill Development. Faculty of Agriculture, University of Agriculture Faisalabad on 15th December, 2012.

References

Prof. Jiakui Li (PhD Supervisor and Mentor)

College of Veterinary Medicine, Huazhong Agricultural University, Wuhan, China

✉ lijk210@mail.hzau.edu.cn ☎ +86-1362-894-2962

Prof. Dr. Muhammad Ijaz,

Chairman, Department of Veterinary Medicine, University of Veterinary and Animal Sciences, Lahore

✉ mijaz@uvas.edu.pk ☎ +92-333-6255049.

Dr. Rashid Hussain

The City Vet Clinic Al Warqa, Dubai, UAE

✉ rashid@thecityvetclinic.com ☎ +971521534705