

CURRICULUM VITAE

PROF. DR. OMER NASEER

Professor of Avian Medicine | Veterinary Clinician | Researcher

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

PERSONAL & PROFESSIONAL PROFILE

DETAIL	INFORMATION
Full Name	Prof. Dr. Omer Naseer
Father's Name	Farrukh Naseer
Date of Birth	31 July 1986
CNIC	34101-2930386-3
Mobile	+92 321-6408956
Phone	+92 42 35922968
ORCID	0000-0002-5388-4917
Google Scholar ID	aIVxT_sAAAAJ

ACADEMIC & RESEARCH PROFILE

Veterinary academic, clinician and researcher with a **PhD in Clinical Medicine** and extensive experience in veterinary education, clinical medicine, avian medicine, veterinary diagnostics, research management and higher education administration. Research experience includes **Rotavirus A, infectious diseases, veterinary epidemiology, antimicrobial resistance, aflatoxicosis, animal health, veterinary public health and diagnostic research.**

International research exposure includes a **six-month research training at the College of Veterinary Population Medicine and Veterinary Diagnostic Laboratory, University of Minnesota, USA**, with research focused on the genotypic and epitope characteristics of Group A porcine rotaviruses.

Author/co-author of **30 research publications**, including papers in international peer-reviewed journals, along with books/book chapters and conference proceedings. Experienced in the development and management of competitive research projects funded through **HEC Pakistan** and other research programmes.

ACADEMIC QUALIFICATIONS

DEGREE / QUALIFICATION	INSTITUTION	YEAR
PhD (Clinical Medicine)	University of Veterinary & Animal Sciences, Lahore	2016
M.Phil. (Clinical Medicine)	University of Veterinary & Animal Sciences, Lahore	2010
Doctor of Veterinary Medicine (DVM)	University of Veterinary & Animal Sciences, Lahore	2007
F.Sc.	BISE Gujranwala	2002
Matriculation	BISE Gujranwala	2000

RESEARCH INTERESTS

- Rotavirus A and other enteric viral infections
 - Veterinary virology and molecular diagnostics
 - Zoonotic and emerging infectious diseases
 - Veterinary epidemiology and disease surveillance
 - Veterinary public health and One Health
 - Infectious diseases of food-producing animals
 - Antimicrobial resistance
 - Veterinary diagnostic research
 - Aflatoxicosis and mycotoxin-associated diseases
 - Poultry diseases and avian medicine
 - Molecular characterization and phylogenetics
 - Development of veterinary diagnostic tools
 - Animal health and production
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RESEARCH CONDUCTED

1. Comparative Efficacy of Guar (*Cyamopsis tetragonoloba*) and Salinomycin Sodium against Coccidiosis in Broiler Chicken

- **Degree:** M.Phil. Thesis, 2010
- **Institution:** University of Veterinary & Animal Sciences, Lahore
- **Supervisor:** Dr. Jawaria Ali Khan, Associate Professor, Clinical Medicine & Surgery

2. Genotypic and Epitope Characteristics of Temporal Group A Porcine Rotavirus Strains Circulating in Canada

- **Research Training:** IRSIP, 2016
- **Institution:** College of Veterinary Population Medicine, Veterinary Diagnostic Laboratory, University of Minnesota, USA
- **Supervisor:** Dr. Douglas G. Marthaler, Associate Professor

3. Effects and Remedial Measures of Aflatoxin B1 on Bovine Calves in Punjab

- **Degree:** PhD Thesis, 2016
- **Institution:** University of Veterinary & Animal Sciences, Lahore
- **Supervisor:** Dr. Jawaria Ali Khan, Associate Professor, Clinical Medicine & Surgery

RESEARCH PROJECTS & GRANTS

1. In-vitro Antimicrobial Resistance Pattern in Cholistani Cattle Calves Suffering from Enteritis

- **Funding Programme:** Start-Up Research Grant Program (SRGP), Higher Education Commission of Pakistan **Project No.:** 1612
- **Status:** Completed

2. Genetic Analysis of Coronavirus and Rotavirus in Nursing Animals and Farm Workers in Southern Punjab

- **Funding Programme:** National Research Program for Universities (NRPU), Higher Education Commission of Pakistan **Project No.:** 20-16141/NRPU/R&D/HEC/2021
- **Status:** Completed

RESEARCH & ACADEMIC ACHIEVEMENTS

- Awarded **HEC 5000 PhD Fellowship Scholarship** for doctoral studies.
- Completed **six months of international research training at the University of Minnesota, USA.**
- Conducted research on **Group A porcine Rotavirus** during international research training.

- Published research on **genotypic and epitope characteristics of Group A porcine rotavirus strains** in *Virology*.
- Conducted research on **Coronavirus and Rotavirus in nursing animals and farm workers in Southern Punjab**.
- Experience in molecular epidemiology, veterinary diagnostics and infectious disease research.
- Principal Investigator/Researcher on projects funded through competitive national research programmes.
- Published **30 research papers** in peer-reviewed journals.
- Contributed to books and scientific book chapters.
- Presented research at international scientific conferences.

RESEARCH PUBLICATIONS

1. **Naseer, O.**, J.A. Khan, M.S. Khan, M.O. Omer, G.A. Chishti, M.L. Sohail. (2016). Comparative efficacy of silymarin and choline chloride (liver tonics) in preventing the effects of aflatoxin B1 in bovine calves. *Polish Journal of Veterinary Sciences*, 19(3), 545–551. **IF: 0.839.**
2. Sohail, M.L., Khan, M.S., Avais, M., Zahoor, M.Y., Ijaz, M., Ullah, A., Fatima, Z., **Naseer, O.**, Khattak, I., Ali, S. (2016). Seroprevalence of *Leptospira* spp. in horses of distinct climatic regions of Punjab, Pakistan. *Journal of Equine Veterinary Science*, 44, 82–89. **IF: 0.880.**
3. Sohail, M.L., Khan, M.S., Avais, M., Zahoor, M.Y., Khattak, I., Ashraf, A., **Naseer, O.** (2016). Molecular characterization of *Leptospira* strains in Pakistan. *Journal of Veterinary Research*, 60, 417–421. **IF: 0.811.**
4. **Naseer, O.**, Matthew C. Jarvis, Max Ciarlet, Douglas G. Marthaler. (2017). Genotypic and epitope characteristics of group A porcine rotavirus strains circulating in Canada. *Virology*, 507, 53–63. **IF: 3.353.**
5. Sohail, M.L., Khan, M.S., Ijaz, M., Avais, M., Zahoor, M.Y., **Naseer, O.**, Saleem, M.U. (2017). Evidence of clinicopathological changes during equine leptospirosis. *Pakistan Journal of Zoology*, 49(3), 849–853. **IF: 0.547.**
6. Shahid, M., Manchi, G., Slunsky, P., **Naseer, O.**, Fatima, A., Leo, B., Raila, J. (2017). A systemic review of existing serological possibilities to diagnose canine osteoarthritis with a particular focus on extracellular matrix proteoglycans and protein. *Polish Journal of Veterinary Sciences*, 20(1), 189–201. **IF: 0.839.**
7. **Naseer, O.**, Khan, J.A., Khan, M.S., Omer, M.O., Avais, M., Sohail, M.L., Saleem, M.U., Shahid, M. (2018). Efficacy of β -glucans and mannan oligosaccharides (yeast cell wall) and hydrated sodium calcium aluminosilicate (HSCAS) in preventing aflatoxicosis in bovine calves. *Indian Journal of Animal Research*, 51(3), 1–6. **IF: 0.437.**

8. **Naseer, O.**, Khan, J.A., Khan, M.S., Omer, M.O., Naseer, J., Sohail, M.L., Saleem, M.U., Ahmad, W., Ahmad, A.S. (2018). Effect of dietary aflatoxins (AFB1) on hematological and biochemical indices of male buffaloes. *Indian Journal of Animal Research*, 52(5), 718–723. **IF: 0.437.**
9. **Naseer, O.**, Saleem, M.U., Sohail, M.L., Naseer, J., Khan, J.A., Omer, M.O., Anjum, K.M., Ahmad, A.S. (2018). Effects of yeast-based toxin binder supplementation on growth performance and intestinal microarchitecture in male buffalo calves (*Bubalus bubalis*) exposed to different concentrations of aflatoxin B1. *Journal of the Hellenic Veterinary Medical Society*, 69(1), 853–862. **IF: 0.085.**
10. Naseer, J., Anjum, K.M., Munir, M.A., Nazir, M.A., Yousaf, M.Z., **Naseer, O.**, Anjum, A. (2018). A study on Indian peafowl (*Pavo cristatus*) emphasizing breeding season and feeding behavior in captivity. *Indian Journal of Animal Research*, 0, 1–3. **IF: 0.437.**
11. Sohail, M.L., Khan, M.S., Ijaz, M., **Naseer, O.**, Fatima, Z., Ahmad, A.S., Ahmad, W. (2018). Seroprevalence and risk factor analysis of human leptospirosis in distinct climatic regions of Pakistan. *Acta Tropica*, 181, 79–83. **IF: 2.509.**
12. **Naseer, O.**, Khan, J.A., Khan, M.S., Omer, M.O., Anjum, K.M., Naseer, J., Sohail, M.L. (2018). Study of prevalence of different fungal species in calf feed and comparative antifungal efficacy of methanolic extracts of indigenous plants against *Aspergillus* species. *Buffalo Bulletin*, 37(2), 181–190. **IF: 0.119.**
13. Saleem, M.U., Javid, M.A., Akhta, S., Ayub, F., **Naseer, O.**, Yasir, M. (2020). Comparative effects of different concentrations of garlic (*Allium sativum*) and ginger (*Zingiber officinale*) on growth performance, goblet cell histochemistry and gut microbiota of broilers. *Indian Journal of Animal Research*, 54(7), 874–878. **IF: 0.437.**
14. Nazir, M.A., Anjum, K.M., Naseer, J., **Naseer, O.** (2020). Effects of dietary fish oil replacement by soybean meal on performance and physiology of *Oncorhynchus mykiss* spp. of rainbow trout. *Pakistan Journal of Zoology*. **IF: 0.717.**
15. **Naseer, O.**, Khan, J.A., Omer, M.O., Naseer, J., Sohail, M.L., Munir, M.A., Saleem, M.U., Imran, M., Shahid, M. (2020). Exogenous factors affecting growth of *Aspergillus* species. *Indian Journal of Animal Research*, 54(8), 994–999. **IF: 0.437.**
16. Rabbani, A.H., Khan, Y.R., **Naseer, O.**, Hussain, K., Ali, A., Waheed, A., Shahid, M., Afzal, H. (2021). Comparative efficacy of yohimbine and tolazoline for antagonism of ketamine-xylazine induced sedation in captive wild felids. *Kafkas Universitesi Veteriner Fakultesi Dergisi*, 27(3), 291–299. **IF: 0.489.**
17. Saleem, M.U., Ali, M.M., Nazir, M., Durrani, A.Z., **Naseer, O.**, Asghar, B. (2021). Variations in growth performance, meat quality and consumer preferences influenced by difference of breed in buffalo bulls (*Bubalus bubalis*). *Animal Production Science*, 61(16), 1715–1722. DOI: 10.1071/AN20293. **IF: 1.215.**
18. Rabbani, A.H., Khan, Y.R., **Naseer, O.**, Qudratullah, Safwan, M., Waheed, A., Ali, A., Waqas, M. (2021). Biocompatibility and postoperative complications of different subcutaneous suturing methods in cats undergoing ovariohysterectomy by midline incision. *The Thai Journal of Veterinary Medicine*, 51(3), 577–585. **IF: 0.234.**
19. Ali, A., Ijaz, M., Khan, Y.R., Sajid, H.A., Hussain, K., Rabbani, A.H., Shahid, M., **Naseer, O.**, Ghafar, A., Naeem, M.A., Zafar, M.Z., Malik, A.I., Ahmed, I. (2021). Role of

nanotechnology in animal production and veterinary medicine. *Tropical Animal Health and Production*. DOI: 10.1007/s11250-021-02951-5. **IF: 1.559.**

20. Shahid, M., Khan, Y.R., **Naseer, O.**, Ali, A., Rabbani, A.H., Ahmad, A.S., Slunsky, P. (2021). Ultrasonography of the spinal cord and the collection of cerebrospinal fluid from the atlanto-occipital space in goat. *Anatomia Histologia Embryologia*. **IF: 1.114.**
21. Rabbani, A.H., Ullah, Q., **Naseer, O.**, Gardezi, F.H., Shahid, M., Hussain, K., Saleem, T., Ali, A., Khan, Y.R., Waheed, A. (2021). Comparative multimodal palliative efficacy of gabapentin and tramadol by using two pain scoring systems in cats undergoing ovariohysterectomy. *Acta Veterinaria-Beograd*, 71(4), 417–434. **IF: 0.800.**
22. **Naseer, O.**, Khan, J.A., Shahid, M., Rabbani, A.H., Ahmad, A.S., Sohail, M.L., Naseer, J., Bilal, M., Abbas, W., Saleem, M.U., Khan, Y.R., Ali, A., Hussain, K. (2022). Growth, hematological and histopathological responses to guar (*Cyamopsis tetragonoloba*) and salinomycin sodium for ameliorating deleterious effects of coccidiosis in broiler chicken. *Kafkas Üniversitesi Veteriner Fakültesi Dergisi*, 28(1), 19–26. DOI: 10.9775/kvfd.2021.26216. **IF: 0.685.**
23. Shahid, M., Ali, A., Khan, Y.R., **Naseer, O.**, Rabbani, A.H., Hussain, K., Ahmad, A.S., Saad, M., Sohail, M.L., Prince, K. (2022). Biceps tendon rupture in two Beetal goats. *Kafkas Üniversitesi Veteriner Fakültesi Dergisi*, 28(1), 149–153. DOI: 10.9775/kvfd.2021.26483. **IF: 0.685.**
24. Ahmad, S., Atif, F.A., Zaman, A., Abbas, S.N., Khan, Y.R., Rabbani, A.H., Shahid, M., **Naseer, O.**, Ali, A., Hussain, K. (2022). Molecular epidemiology, hematological biomarker, associated risk factors and chemotherapeutic trials of ehrlichiosis in dogs in Pakistan. *Kafkas Üniversitesi Veteriner Fakültesi Dergisi*, 28(5), 561–569. DOI: 10.9775/kvfd.2022.27559. **IF: 0.685.**
25. Ali, S., Arshad, M.I., Ullah, Q., Sadique, F., Rabbani, A.H., Akbar, N., **Naseer, O.**, Rauf, M., Jalees, M.M., Wadood, F., Safwan, H.M., Shahid, M. (2023). Sero-molecular epidemiology of blood donors infected with Hepatitis C virus (HCV) in Peshawar, Pakistan. *Pure and Applied Biology*, 12(2), 1009–1016.
26. Rabbani, A.H., **Naseer, O.**, Hussain, K., Shahid, M., Ullah, Q., Ahmad, A.S. (2024). Comparative analgesic efficacy for intraperitoneal administration of bupivacaine, ropivacaine, and ropivacaine-tizanidine combination during ovariohysterectomy of cats suffering from pyometritis. *Kafkas Üniversitesi Veteriner Fakültesi Dergisi*, 30(1), 53–62. DOI: 10.9775/kvfd.2023.30387. **IF: 0.685.**
27. Azmat, M., Khan, J.A., Ijaz, M., Ashraf, K., **Naseer, O.** (2024). Molecular epidemiology of enteric pathogens associated with diarrheal disease in goat kids. *Pakistan Journal of Zoology*, 1–8. DOI: 10.17582/journal.pjz/20231005073531. **IF: 0.500.**
28. Shah, S.Q.A., Mehmood, K., Rashid, M.I., Naz, H., Sohail, M.L., **Naseer, O.**, Ali, S., Ahmad, A.S. (2025). Prevalence, morphological and molecular characterization of *Lernaea cyprinacea* isolated from major carps of Southern Punjab, Pakistan. *Pakistan Veterinary Journal*, 45(1), 422–427. DOI: 10.29261/pakvetj/2024.308. **IF: 5.4.**
29. Ahmed, R., Hayat, D., Siddique, F., **Naseer, O.**, Ahmad, A.S., Manzoor, A.W., Mushtaq, A., Chughtai, S.A., Waqar, H.M. (2026). Development and immunogenicity evaluation of

an inactivated *Corynebacterium pseudotuberculosis* vaccine in small ruminants. *Pakistan Journal of Zoology*, 1–9. DOI: 10.17582/journal.pjz/20251121145009. **IF: 0.500.**

30. Ahmed, R., Nazir, M., Siddique, F., **Naseer, O.**, Malik, M., Hayat, D., Ahmad, A.S., Manzoor, A.W., Mushtaq, A., Chughtai, S.A., Waqar, H.M. (2026). Molecular characterization and phylogenetic profiling of *Corynebacterium pseudotuberculosis* isolates from small ruminants in Bahawalpur, Pakistan. *Pakistan Journal of Zoology*, 1–10. DOI: 10.17582/journal.pjz/20251124144613. **IF: 0.500.**
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BOOKS & BOOK CHAPTERS

Book

1. **Naseer, O.**, Khan, J.A., Khan, M.S. (2012). *Comparative Efficacy of Guar (Cyamopsis tetragonoloba) and Salinomycin Sodium against Coccidiosis in Broiler Chicken*. Lambert Academic Publishing, Germany.

Book Chapter

1. Hussain, K., Rabbani, A.H., Ali, A., Ijaz, M., Khan, Y.R., Shahid, M., Sohail, M.L., **Naseer, O.**, Ahmad, A.S., Prince, K. (2022). Bacterial diseases affecting sheep and goats. In: Abbas, R.Z., Khan, A., Liu, P. & Saleemi, M.K. (eds.), *Animal Health Perspectives*, Vol. 2, pp. 97–102. Unique Scientific Publishers, Faisalabad, Pakistan. DOI: 10.47278/book.ahp/2022.47.
 2. Ali, A., Ijaz, M., Naeem, M.A., Shakeel, R., Ghaffar, A., Khan, Y.R., Zafar, M.Z., Hussain, K., Shahid, M., **Naseer, O.**, Rabbani, A.H., Qudus, M.A. (2023). Role of recombinant vaccine in livestock. In: Ahmad, H.I. & Hamid, M. (eds.), *Recent Advances in Biotechnology*, pp. 214–228. Bentham Science Publishers, Sharjah, U.A.E. DOI: 10.2174/9789815165074123070017.
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CONFERENCE PROCEEDINGS

1. **Naseer, O.**, Khan, J.A., Khan, M.S., Omer, M.O., Avais, M., Nisar, M. (2012). Comparative efficacy of guar (*Cyamopsis tetragonoloba*) and salinomycin sodium against coccidiosis. Presented at Porto-Marina, Alexandria, Egypt, 26–29 March 2012.
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PROFESSIONAL EXPERIENCE

Professor – Avian Medicine

- **Cholistan University of Veterinary & Animal Sciences (CUVAS), Bahawalpur, Pakistan**
Current Position

- Responsibilities include undergraduate and postgraduate teaching, clinical training, research supervision, veterinary diagnostics, academic development and research activities.

Director Planning & Development – Additional Charge

- **Cholistan University of Veterinary & Animal Sciences (CUVAS), Bahawalpur, Pakistan**
Former / Additional Charge
- Responsibilities included institutional planning, development proposals, project formulation, PC-I preparation, infrastructure planning, development schemes and coordination with relevant government departments.

Former Registrar– Additional Charge

- **Cholistan University of Veterinary & Animal Sciences (CUVAS), Bahawalpur, Pakistan**
Former Position
- Managed academic and administrative affairs of the University and supported implementation of statutory, academic and institutional decisions.

Former Director – Office of Research, Innovation & Commercialization (ORIC) – Additional Charge

- **Cholistan University of Veterinary & Animal Sciences, Bahawalpur, Pakistan**
- Responsibilities included research administration, research development, innovation, commercialization, research policies, project coordination, faculty research facilitation and institutional research reporting.

Associate Professor – Avian Medicine

- **Cholistan University of Veterinary & Animal Sciences, Bahawalpur, Pakistan**

Assistant Professor – Avian Medicine

- **Cholistan University of Veterinary & Animal Sciences, Bahawalpur, Pakistan**
Duration: 3 years, 10 months and 11 days

Assistant Professor – Clinical Medicine

- **University College of Veterinary & Animal Sciences, The Islamia University of Bahawalpur, Pakistan IPFP**

Product Manager – Feed Tech Division (Poultry)

- **Ghazi Brothers (Pvt.) Ltd.**

National Sales Manager

- **Selmore Pharmaceuticals (Pvt.) Ltd., Lahore**

Duration: 5 years

Veterinary Clinical & Diagnostic Experience (Livestock & Dairy Development Department, Punjab)

- **Poultry Disease Diagnostic Laboratory & Poultry Production**
Civil Veterinary Hospital, Gujranwala, Livestock & Dairy Development Department, Punjab

Duration: 3 years, 9 months

Veterinary Experience

- **Military Dairy Farm, GWA**

Duration: 6 months

Poultry Industry Experience

- **Shehzor Poultry Feeds, Gujranwala**

Duration: 12 months

Academic Training

- Provided training and academic instruction to students of the University of Veterinary & Animal Sciences, Lahore.

INTERNATIONAL RESEARCH & TRAINING

University of Minnesota, USA

- **Six-Month Research Training / IRSIP**
- College of Veterinary Population Medicine
Veterinary Diagnostic Laboratory
University of Minnesota, USA

Research Area: Genotypic and epitope characteristics of Group A porcine rotavirus strains circulating in Canada.

OTHER TRAINING & FELLOWSHIP PROGRAMMES

- One-week workshop on **Advanced Diagnostics & Prevention of Poultry Diseases**, UDL, UVAS Lahore.
- One-week workshop on **Postmortem & Laboratory Techniques**, PRI, Rawalpindi.
- One-month **Management Training**, UVAS Lahore.

- Training in veterinary diagnostic and laboratory techniques.
 - Training in biosafety and bio-risk management.
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CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Clinical Research & Good Clinical Practice

1. Novartis via Coursera | June 2025

Completed three-course specialization:

- Introduction to Good Clinical Practice
- GCP Fundamentals: Preparation & Personnel
- GCP Fundamentals: Recruitment & Trial

Meets TransCelerate BioPharma criteria for **ICH E6 GCP compliance**.

2. Fundamentals of GCP: Preparation & Personnel

Novartis via Coursera | June 2025

3. Introduction to Good Clinical Practice

Novartis via Coursera | June 2025

4. Animal Behavior and Welfare

University of Edinburgh via Coursera | June 2025

5. EDIVET: Veterinary Profession

University of Edinburgh via Coursera | June 2025

6. Feeding the World

University of Pennsylvania via Coursera | June 2025

Focus: Global food security and animal health economics.

7. Measuring Disease in Epidemiology

Imperial College London via Coursera | June 2025

PROFESSIONAL MEMBERSHIPS

- Life Member, **Pakistan Veterinary Medical Council (PVMC)**
- Member, **American Society for Microbiology (ASM), USA**

- Member, **International Association for Veterinary Homeopathy (IAVH)**
- Member, **International Federation for Infection Control (IFIC)**
- Member, **World Association of Young Scientists (WAYS)**
- Member, **International Natural Hygiene Society (INHS)**
- Member, **WWF Pakistan**
- Member, **Parasitology Club, UVAS**
- Member, **SAVERS, UVAS**
- Member, **Society of Fisheries & Wildlife, UVAS**
- Member, **Vets Care Organization, UVAS**

HONORS & AWARDS

- **HEC 5000 PhD Fellowship Scholarship**
- President, **Literary Society, UVAS Lahore**
- Coordinator, **Society of Pharmacology**
- Lifetime Membership of **SAH**
- Certificates for **Best Organizer of Functions, UVAS Lahore**

WORKSHOPS, SEMINARS & CONFERENCES

- Workshop on Aviaries of Cage Birds Society.
- Three-day workshop on **Role of HEC in Universities**, Avari, Lahore.
- Two-day **Veterinary Extension Workshop**, Alhamra, Lahore.
- Two-day **Poultry Conference**, Pearl Continental Hotel, Lahore.
- **In-Service Competency Enhancement Training for Teachers 2019**, Center for Education Policy & Administration, UVAS Lahore.
- Mandatory Orientation Training Programme for improving teaching techniques and faculty skills, Punjab Higher Education Commission, 2020.
- **Enhancing Veterinary Diagnostic and Research Laboratories Capabilities in Pakistan**, Association of Bio-risk Management, 2020.
- **Status of Ticks and Tick-Borne Diseases of Ruminants in Pakistan**, 2020.

- **3rd Annual Bovine Udder Health Symposium**, Department of Veterinary Medicine, UVAS Lahore, 18 February 2021.
- **Bio-risk Management Refresher Course**, Association of Biorisk Management, 15–16 October 2021.
- **Lecture Series by Vice Chancellor**, CUVAS, Bahawalpur, January 2021.
- Webinar on **Awareness of Lumpy Skin Disease**, UVAS Lahore, 20 January 2022.
- Seminar on **Animal Health, Welfare and Veterinary Public Health Act**, Ministry of National Food Security & Research, Islamabad, 2 February 2023.
- International Multidisciplinary Conference on **Innovations in Biochemistry, Veterinary Medicine & Pharmacology**, CUVAS Bahawalpur, 6–7 February 2023.
- Seminar on **Halal Foods: Current Scenario & Future Prospects for Pakistan**, CUVAS Bahawalpur, 10 February 2023.
- Seminar on **Reducing Production and Health Losses due to Mycotoxins in Dairy Animals**, CUVAS Bahawalpur, 2023.
- Seminar on **Intellectual Property and Patent Filing**, Punjab Higher Education Commission, Arfa Kareem Tower, Lahore, 22 February 2023.
- **Three-Day Capacity Building Training for Biosafety Committee Members**, Association of Biorisk Management, 1–3 November 2023.
- **National Faculty Development Program for Higher Education Faculty Tier-II** held at National Academy of Higher Education, HEC, Islamabad, April 21 to May 2, 2025

ADDITIONAL SKILLS

- Microsoft Word
- Microsoft PowerPoint
- Academic presentation and scientific communication
- Research proposal development
- Scientific writing
- Research project management
- Veterinary diagnostic research
- Academic administration
- Institutional planning and development

- Teaching and student supervision
 - Conference/seminar organization
 - Research coordination and dissemination
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RESEARCH & ACADEMIC CONTRIBUTIONS

- Extensive experience in veterinary clinical medicine and avian medicine.
 - Research experience spanning **veterinary virology, infectious diseases, epidemiology, diagnostics and animal health.**
 - International research experience in **Rotavirus A** at the University of Minnesota, USA.
 - Experience in HEC-funded research project management.
 - Experience in university research administration through ORIC.
 - Experience in institutional planning and development.
 - Experience in veterinary academic teaching and training.
 - Experience in pharmaceutical and animal feed industry.
 - Experience in veterinary clinical and diagnostic laboratory services.
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REFERENCES

Prof. Dr. Muhammad Sarwar Khan

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Prof. Dr. Muhammad Ovais Omer

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