

Prof. Dr. Fazal Wadood
DVM, MSc Hons. (UAF), PhD (UVAS)
Professor
DOB: 01.07.1981 (Punjab, Pakistan)



Sr. no.	Title	Date	Place	Status
1	One day training workshop on ultrasonography of small ruminants	10 march 2021,	Seminar Room Academic Block 1, CUVAS, Bahawalpur	Organizer/Speaker/Trainer
2	Training workshop on “Integrated genetic workshop in livestock production for improving productivity and profitability”	10-15 October 2021,	CUVAS Bahawalpur Syndicate room	Participant/Speaker
3	Online Biorisk Management training at Epidemiology & Public Health Lab.	14-18 December, 2020	CUVAS, Bahawalpur	Participant
4	“Faculty Orientation Training workshop” 02-06 November, 2020 organized online by Punjab Higher Education Commission	02-06-2020	CUVAS, Bahawalpur	Participant
5	International Symposium on Dairy Animal Reproduction (ISDAR) by SARP		UVAS, Lahore	Participant
6	One day international symposium on zoonotic diseases of camel	07 November, 2019	CUVAS, Bahawalpur	Participant
7	Livestock ecology, sustainable land use and livestock system	12-24/01/2004	University of Agriculture, Faisalabad	Participant
8	In service competency enhancement training for university faculty	28-30 January 2019	CUVAS, Bahawalpur	Participant
9	One day workshop on “Application of SAS statistical techniques in animal production and veterinary sciences”	May 2, 2019	CUVAS, Bahawalpur	Participant
10	One day workshop on “Application of statistical package for social sciences (SPSS) in research”	April 23, 2019	CUVAS, Bahawalpur	Participant
11	<u>Participated in conference om Innovations in biochemistry, veterineary medicine and pharmacology on</u>	<u>06-07 February 2023</u>	CUVAS Bahawalpur	Participant

12	<u>Speaker in two days hands on training workshop on equine lameness, gaseous aneesthesia, ultrasonography and radiology</u>	21-22 Augus 2025	CUVAS Bahawalpur	Speaker
13	Organizer/speaker of one day workshop on reproductive ultrasonograpgy in small ruminants	on 17 th April 2025	CUVAS Bahawalpur	Organizer/Speaker/Trainer
14	Two days international training workshop on utilization of IVF and embryo transfer technologies for enhancing the genetic potential of livestock in Pakitan.	23-24 October 2025	CUVAS, Bahawalpur	Organizer/participant

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Biography

Dr. Fazal Wadood is working as Assistant Professor in the Department of Theriogenology, Cholistan University of Veterinary and animal sciences (CUVAS), Bahawalpur, Pakistan since 04.12.2018 to date. Earned his DVM and MSc Hons. (Theriogenology) from University of Agriculture, Faisalabad (UAF), PhD in Theriogenology from University of Veterinary and Animal Sciences, Lahore. Served as Veterinary Officer, Deputy District Officer Livestock (Breed Improvement), Farm Superintendent almost for ten years in Livestock and Dairy Development Department, Punjab, Pakistan. During Ph.D. In UVAS also served as Research Associate almost for two years in HEC funded project entitled “Cryopreservation of Buffalo (Bubalus bubalis) Bull Semen”. Worked during masters on “Seroprevalence of Brucellosis in Equidae Family in and around Faisalabad”. During PhD studies worked on buffalo semen under title “Development of a Suitable Semen Extender for Cryopreservation of Buffalo (Bubalus bubalis) Bull Semen”. My research is published in well reputed impact factor and HEC recognized journals. I have the specialties in cryopreservation of semen (Lipid peroxidation, DNA integrity, Acrosomal Integrity, HOST, Morphology, CASA), genital diseases (RBPT, SAT, ELISA), invitro embryo production-embryo transfer (IVEP-ET) and advance breeding programs in domestic animals. I am member of Society for Animal Reproduction of Pakistan (SARP), and Pakistan Veterinary Medical Council (PVMC). My main responsibilities are teaching of Theriogenology courses, clinical case handling, research and farm extension services. I have the vision for the Theriogenology Department to develop a state-of-the-art endocrinology and Andrology labs and on country level to launch Progeny Testing Program (PTP) in bovine on community cooperative model.

Areas of Interest

- Andrology
- Cryobiology
- Reproductive Physiology
- Reproductive Biotechnology
- Invitro Embryo Production-Embryo Transfer (IVEP-ET)
- Ultrasonography
- Improved Reproductive management

Trainigs and Courses

- Responsibilities of drawing and disbursing officers from MPDD, Punjab
- Office management from MPDD, Punjab
- Time Management from Planning and Development Department, Islamabad

Workshops, Seminar, Symposia and Conference etc.

Book Chapters, Journal & Press Articles

Sr. No.	Book Chapters	Journal Articles	Press Articles

1.		Fazal Wadood , Maqbool Ahmad, Ahrar Khan, Shafia Tehseen Gul, Najeeb Ur Rehman. Seroprevalence Of Brucellosis In Horses In And Around Faisalabad. Pakistan Vet. J., 2009, 29(4):	
		196-198	
2.		D. H. Mughal, A. Ijaz, M. S. Yousaf, H. Rehman, M. Aleem, H. Zaneb, I. Rabbani and F. Wadood . THE INFLUENCE OF TAURINE SUPPLEMENTATION IN LACTOSE EGG YOLK GLYCEROL EXTENDER FOR CRYOPRESERVATION OF BUFFALO BULL (BUBALUS BUBALIS) SEMEN. J. Anim. P. Sci. 2013. 23(2): 715-720.	
3.		D. H. Mughal, A. Ijaz, M. S. Yousaf, H. Rehman, M. Aleem, H. Zaneb and F. Wadood . ASSESSMENT OF OPTIMAL OSMOTIC PRESSURE OF CITRATE EGG YOLK EXTENDER FOR CRYOPRESERVATION OF BUFFALO BULL (BUBALUS BUBALIS) SEMEN. J. Anim. Plant Sci. 2013. 23(4): 964-968.	
4.		F. Wadood , M. Aleem, A. Ijaz, N. Ahmad, M. S. Yousaf, D. H. Mughal, A. Javid and S. A. Mahmood. EFFECT OF L-CYSTEINE ON POST THAW QUALITY OF NILI RAVI BUFFALO (BUBALUS BUBALIS) BULL SPERMATOZOA CRYOPRESERVED IN TRIS CITRIC ACID EXTENDER. J. Anim. & Plant Sci. 2015. 25(1): 301-303.	
5.		F. Wadood , M. Aleem, A. Ijaz ¹ , N. Ahmad, M. S. Yousaf ¹ and D. H. Mughal. EFFECT OF EXTENDER OSMOLALITY AND BUTYLATED HYDROXY TOLUENE SUPPLEMENTATION ON POST THAW QUALITY AND FERTILITY OF NILI RAVI BUFFALO BULL (BUBALUS BUBALIS) SEMEN. J. Animal & Plant Sci. 2016. 26(3): 605-611.	
6.		Dawar Hameed Mughal ¹ , Ahmad Ijaz, Muhammad Shahbaz Yousaf, Fazal Wadood and Umer Farooq. CRYOPRESERVATION OF BUFFALO (BUBALUS BUBALIS) SEMEN- LIMITATIONS AND EXPECTATIONS. Buffalo Bulletin. 2017. 36 (1): 1-14.	
7.		Dawar Hameed Mughal, Ahmad Ijaz, Muhammad Shahbaz Yousaf, Fazal Wadood , Umer Farooq, Syed Aamer Mahmood & Amjad Riaz. EFFECT OF OSMOTIC PRESSURE ON SPERMATOZOA CHARACTERISTICS OF CRYOPRESERVED BUFFALO BULL (BUBALUS BUBALIS) SEMEN. J. Applied Animal Research. 2017. 46 (1): 274-277.	

8.		F. Ahmad, A. Asghar, F., Shahzad, M., Mubeen, M.I., Qamar, S.G., Mohyuddin A., Yaseen, S., Hussain M.A.A., Shah, S., Liaqat, F. Wadood ,	
		and M.A. Tipu. EFFECT OF OPTIGEN FEED INTAKE AND PERFORMANCE OF GROWING CALVES. Pak. J. Sci.2018. 70 (4): 287-291.	
9.		F. Ahmad, A. Asghar, F. Wadood , A. Yaseen, M. Akmal, M. Mubeen, S.G Mohyuddin, M. I. Qamar and N. Mujahid. RESPONSE OF ALKALI TREATED RICE HUSK IN BUFFALO CALVES ON GROWTH, DRY MATTER INTAKE, NUTRIENT DIGESTIBILITY and BLOOD METABOLITES. Pak. J. Sci. 2019. 71 (1): 38-43.	
10.		Mushtaq Ahmad Gondal, Irshad Hussain, Fazal Wadood , Muhammad Safdar And Firasat Hussain. EFFICACY OF ACTIVE AND PASSIVE IMMUNIZATION AGAINST EXPERIMENTAL NEWCASTLE DISEASE INFECTION. Thai J Vet Med. 2020. 50(Suppl.): 174-175.	
11.		F. Ahmad, M. A. Khan, F. Wadood , M. Mubeen, A. Asghar, A. Yaseen, M. N. Mujahid, M. Akmal, H. M. A. U. Haq And M. Ikram. Value addition of wheat straw with corn steep liquor and its performance on growth rate in growing buffalo calves. Pak. J. Sci. 2020. 72 (1): 68-71.	
12.		F. Wadood , M. Ahmad, F. Ahmad, D.H. Mughal, M. Qamar, Z.U. Hassan, M.A. Gondal, S. Hameed, M. Ikram And S.G. Mohyuddin. Seroprevalence of brucellosis in donkeys and mules in Punjab, Pakistan. Pak. J. Sci. 2020. 72 (1): 72-75.	
13.		Sabira Nazir, Mushtaq Ahmad Gondal, Muhammad Zubair Shabbir,Muhammad Safdar,Qudrat Ullah,Firasat Hussain, Kashif Rahim, Fazal Wadood , Khalid Mehmood, Sajjad Ali, Shahzad Qadir, Javed Iqbal Gondal. DEVELOPMENT AND OPTIMIZATION OF POLYMERASE CHAIN REACTION FOR SCREENING OF BURKHOLDERIA MALLEI AMONG INDIGENOUS WORKING EQUINES OF PAKISTAN. Thai J Vet Med. 2021. 51(Suppl.): 309-311.	
14.		F. Ahmad, N.A. Tauqir, A. Faraz, I. Asghar, F. Wadood , M.N. Tahir And M.N. Mujahid. PERFORMANCE OF LACTATING SAHIWAL COWS FED CORN STOVERS ENSILED WITH MOLASSES, UREA AND LIME SOLUTION. Iranian J. Applied Animal Sci. 2021. 11(1): 59-66.	

15.		Dawar Hameed Mughal, Ijaz Ahamd, Muhammad Shehbaz Yousaf, Umer Farooq, Fazal Wadood and Amjad Riaz. EFFECT OF LACTOSE EGG	
		YOLK GLYCEROL EXTENDER SUPPLEMENTED WITH TREHALOSE ON POST-THAW CHARACTERISTICS AND FERTILITY OF BUFFALO BULL SPERMATOZOA. Scientific Papers. Series d. Animal Sci. 2021. Lxiv (2): 180-186.	
16.		Muhammad Umer, Sajid Ali, Shahid Faraz Syed , Saifullah, Muhammad Zahir, Abdul Baseer and Fazal Wadood . Management of dystocia due to breech presentation in doe: A case report. Pure Appl. Biol. 2022. 11(2):501-504.	
17.		F. Ahmad, A. Asghar, S. S. R. Rizvi, M.N.Tahir, F. Wadood , M. Ahmad, M. A.Tipu , M. Akhtar, M. Ikram, M. Jahanzeb and M. Ahmad. EFFECT OF DIFFERENT PLANS OF NUTRITION ON GROWTH, FEED EFFICIENCY, BLOOD METABOLITES AND RELATIVE ECONOMICS IN SAHIWAL HEIFERS. Pak. J. Sci. 2022. 74 (2): 76-80.	
18.		Fazal Wadood , Muhammad Aleem, Ahmad Ijaz, Dawar Hameed Mughal and Mushtaq Ahmad Gondal. COMPARATIVE EFFICACY OF COCONUT WATER DILUENT WITH DIFFERENT SEMEN EXTENDERS FOR CRYOPRESERVATION OF NILI RAVI BUFFALO BULL SEMEN. BUFALO BULLETIN. 2022. 41 (3): 363-372.	
19.		M. T. Khan, A. S. Niazi, M. Arslan, M. Azhar, T. Asad, F. Raziq, M. A. Gondal, M. Rauf, S. Liaqat, S. Naz, H. A. Bachaya, Z. M. Iqbal, M. Qumar, Gull-e-Faran, F. Wadood , and H. U. Khan. EFFECTS OF SELENIUM SUPPLEMENTATION ON THE GROWTH PERFORMANCE, SLAUGHTER CHARACTERISTICS, AND BLOOD BIOCHEMISTRY OF NAKED NECK CHICKEN. Poultry Sci. 2023. 102 (102420): 1-6.	
20.		Sardar Ali, Muhammad Imran Arshad, Qudrat Ullah, Faisal Sadique, Ameer Hamza Rabbani, Noor ul Akbar, Omer Naseer, Mubasher Rauf, Muhammad Moazam Jalees, Fazal Wadood , Hafiz Muhammad Safwan and Muhammad Shahid. SERO-MOLECULAR EPIDEMIOLOGY OF BLOOD DONORS INFECTED WITH HEPATITIS C VIRUS (HCV) IN PESHAWAR, PAK. Pure Appl. Biol., 2023. 12(2): 1009-1016.	

21.		Fazal Raziq, Jibran Hussain, Sohail Ahmad, Muhammad Asif Hussain, Muhammad Tahir Khan, Assad Ullah, Muhammad Qumar, Fazal	
		Wadood and Gul-e-Faran. (2024). EFFECT OF BODY WEIGHT AT PHOTOSTIMULATION ON PRODUCTIVE PERFORMANCE AND WELFARE ASPECTS OF COMMERCIAL LAYERS. Anim Biosci 37 (3):500-508.	
22.		Khan MT, Rehman MF, Arslan M, Javaid A, Farooq U, Asad T, Nisa Q, Azhar M, Bughio E, Liaqat S, Aslam S, Ali F, Ali H, Wadood F , Gondal MA, Rauf M, Fouad D, Ataya FS, Safdar M, Nazir S, Magsi AS, Qumar M. EFFECT OF BLEND OF ESSENTIAL OILS ON GROWTH PERFORMANCE, CARCASS CHARACTERISTICS, MEAT QUALITY, INTESTINAL MORPHOLOGY, SERUM BIOCHEMISTRY, AND IMMUNE RESPONSE OF BROILER CHICKEN. Brazilian J. Poultry Science. 2024. 26 (1): 001-010.	
23.		M. T. Khan, S. Mehmood, M. Arslana, M. Azhar, T. Asad, F. Raziq, S. Liaqatd, M. A. Gondal, M. Rauf, S. Nazir, G. Faran, F. Abbasii, Z. Farooq, Z. M. Iqbal, M. Qumar, F. Wadood , I. H. Raja, H. Ali, G. Abbas, E. Bughio, A. S. Magsi, U. Younask, M. A. Arshad and M. F. Rehman. ORGANOLEPTIC CHARACTERISTICS AND COMPOSITIONAL PROFILE OF MEAT OF GROWING JAPANESE QUAIL FED DIFFERENT LEVELS OF POULTRY BYPRODUCTS COMPOST. Brazilian J. Biology. 2023. 83 (274040): 1-6.	
24.		Ameer Hamza Rabbani, Omar Naseer, Kashif Hussain, Muhammad Shahid, Qudrat Ullah, Abdullah Saghir Ahmad, Muhammad Luqman Sohail, And Fazal Wadood . COMPARATIVE ANALGESIC EFFICACY FOR INTRAPERITONEAL ADMINISTRATION OF BUPIVACAINE, ROPIVACAINE, AND ROPIVACAINE TIZANIDINE COMBINATION DURING OVARIOHYSTERECTOMY OF CATS SUFFERING FROM PYOMETRITIS. Kafkas Univ Vet Fak Derg. 2024. 30 (1): 53-62.	

25.		Ameer Hamza Rabbani, Omar Naseer, Kashif Hussain, Muhammad Shahid, Qudrat Ullah, Abdullah Saghir Ahmad, Muhammad Luqman Sohail and Fazal Wadood . SMALL ANIMAL OVARIOHYSTERECTOMY AND AVOIDANCE OF ASSOCIATED COMPLICATIONS IN PET PRACTICES ACROSS PAKISTAN: A CURRENT	
		PERSPECTIVE. Small Animal Advances. 2023. 2(4): 38-43.	
26.		Ullah, A., Anjum, A., Raziq, F., Khan, M.T., Gul, R., Rauf, M., Wadood, F. , Ali, H., Abbas, G., Bughio, E., Younas, U., Nisa, Q., & Khan, K. EFFECT OF ETHANOLIC EXTRACT OF EUCALYPTUS GLOBULUS LEAVES ON GROWTH ENHANCING, GUT MORPHOLOGY, AND INTESTINAL ABSORPTION CAPACITY IN BROILER CHICKEN. J. Hellenic Veterinary Medical Society. (2024). 75(1): 7145–7154.	
27.		M. T. Khan, S. Mehmood, T. Asad, M. Azhar, M. Arslan, F. Raziq, S. Liaqat, I. H. Raja, M. A. Gondal, M. Rauf, S. Nazir, G. Faran, Q. Nisa, F. Abbasi, Z. Farooq, Z. M. Iqbal, M. Kumar, F. Wadood , G. Abbas, E. Bughio, A. S. Magsi, U. Younas and M. A. Arshad. ASSESSING EFFECT OF FEEDING POULTRY BYPRODUCTS COMPOST ON ORGANOLEPTIC CHARACTERISTICS AND COMPOSITIONAL PROFILE OF MEAT OF BROILER CHICKENS. Brazilian J. Biology. 2023. 83 (275633): 1-8.	
28.		K. Khan, F. Raziq, M. T. Khan, M. Arslan, M. Azhar, T. Asad, G. Abbas, E. Bughio, A. S. Magsi, M. A. Gondal, M. Rauf, G. Faran, Z. Farooq, Z. M. Iqbal, M. Kumar, F. Ali, F. Wadood , M. M. Salam and S. Liaqat1. EVALUATING THE IMPACT OF HONEY INCLUSION IN DRINKING WATER ON THE SEMEN QUALITY, IMMUNOLOGICAL RESPONSE, AND HAEMATOLOGY OF NAKED NECK COCKS. Polish Journal of Veterinary Sciences. 2025. 28, (1): 43–49.	
29.		Khan MT, Ahmed S, Azhar M, Asad T, Arslan M, Raziq F, Gondal MA, Rauf M, Liaqat S, Bachaya H, Kumar M, Faran G, Abbasi F, Farroq Z, Wadood F , Iqbal ZM, Abbas G, Bughio E, Younas U, Raja IH. EFFECTS OF SELENIUM-ENRICHED DIETS ON THE GROWTH PERFORMANCE, SLAUGHTER CHARACTERISTICS, AND BLOOD BIOCHEMISTRY OF RHODE ISLAND RED CHICKEN. Brazilian Journal of Poultry Science. 2024. 26 (1): 001-008.	

30.		Qumar M, Ali HMM, Faran G, Kamran Z, Aditya S, Khan MT, Nisa Q, Akhtar R, Siddique B, Abbas G, Al-Anazi KM, Farah MA, Bughio E, Naz S, Salam MM, Farooq Z, Khaliq H, Wadood F , Sheikh MA. EFFECT OF CITRULLUS COLOCYNTHIS FRUIT PULP AND	
		ANTIBIOTIC GROWTH PROMOTER ON PERFORMANCE, BLOOD BIOCHEMISTRY AND INTESTINAL MICROBIAL COUNT OF BROILERS. Brazilian Journal of Poultry Science. 2024. 26 (4): 001-009.	
31.		F.Raziq, Muhammad Tahir Khan, M. Imran, W. Khan, M. Mushtaq, M. Arslan, M.Azhar, T. Asad, S. Liaqat, M. A. Gondal, M. Rauf, G. Faran, Z. Farooq, Z. M. Iqbal, M.Qumar, F. Wadood , H. Ali, G. Abbas, A. Shabbir. A PRELIMINARY ASSESSMENT OF THE IMPACT OF HONEY ON THE REPRODUCTIVE PERFORMANCE OF NAKED NECK HENS. Slov Vet Res. 2025. 62 (2): 107-14.	
32.		Khan, M.T., Afzal, Z., Arslan, M., Asad, T., Nisa, Q., Akhtar, R., Siddique, B., Nazir, S., Farooq, Z., Wadood, F. , Younas, U., Salam, M., Khaliq, H., & Arshad, M. EFFECT OF WATER-BASED NUTRITIONAL SUPPLEMENT ON GROWTH PERFORMANCE, CARCASS CHARACTERISTICS, SERUM BIOCHEMISTRY, AND IMMUNOLOGICAL RESPONSE OF BROILER CHICKEN. J. Hellenic Veterinary Medical Society. 2025. 76(2), 9209–9216.	
33.		Effect of form and concentration of dietary zinc+vitamin-E on blood biochemistry, and antioxidant stability of Japanese quail. Polish Journal of Veterinary Sciences.- Accepted.	
34.		In vivo effect of medicinal plants on some biochemical parameters in laying hens. Polish Journal of Veterinary Sciences.- Accepted.	
35.	AI Equipment and Accessories. Handbook of Artificial Insemination in Large and Small Ruminants. Pp 38-42.		
36.			Artificial insemination in buffaloes- Pakistan Today. 26 May 2014. www.pakistantoday.com.pk

Research Projects Completed

Sr.No.	Title	Amount (Rs)	Funding Agency	Status
1	Cryopreservation of Buffalo (Bubalus bubalis) Bull Semen	6.5 M	HEC	Research associate
2	Mechanization, renovation and provision of missing facilities at LPRI, LES Bahadar Nagar Okara and LES Qadirabad, Sahiwal	137 M	Punjab Govt.	Principle Investigator
3	Preservation of fodder as Silage at LES’s in Punjab-one at LES Qadirabad	1.6 M	Punjab Govt.	CO- P Investigator
4	Production of multicut high yielding fodder varieties	30 M	Punjab Govt.	CO- P Investigator

Member Post Graduate Students Supervisory Committee

Sr. No.	Student Name	Registration No.	Degree	Subject
1.	Muhammad Javed Shah	21-CUVAS-0018	M. Phil	Animal Nutrition
2.	Aiman Ilyas	20-CUVAS-0558	M. Phil	Fisheries
3.	Gull Fatima	23-CUVAS-0071	M. Phil	Zoology
4.	Asad Hameed	2019-CU-ZOOL-067	M. Phil	Zoology

- **SERVICES**
- Andrology
- Ultrasonography
- Cystic folliculocentesis
- Farm Reproductive Health Management
- Farm consultancy
- 24/7 extension service

Memberships

- Pakistan Veterinary Medical Council (PVMC)
- Society for Animal Reproduction of Pakistan (SARP)

Others

Member prequalification/framework contract Committee (as CUVAS Nominee) in ADP “Livestock Asset Transfer to Poor Women in South Punjab” FY 2024-2026 (worth 2000 M).