

April 5th, 1973IN SCIENCE, THE CREDIT DOES NOT GO TO THE ONE WHO FIRST
HAD THE IDEA, BUT TO THE ONE WHO CONVINCES THE WORLD.336 B, Commerce College Rd. Cheema Town, Bahawalpur, PAKISTAN
0092-333-3683888
umer.farooq@iub.edu.pk**OBJECTIVE**

To establish myself as a successful professional by executing my skills acquired from my academic qualifications, rich experience and by personal approach to a given problem.

PERSONAL

NAME:	Umer Farooq
FATHER'S NAME:	Farooq Azam
DATE OF BIRTH:	April 05 th , 1973
AGE:	49 Years
NATIONALITY:	Pakistan
MARITAL STATUS:	Married (03 Sons & 01 Daughter)
RELIGION:	Islam
NIC #:	31202-6149353-1
OFFICE ADDRESS:	Faculty of Veterinary & Animal Sciences (FV&AS), The Islamia University of Bahawalpur (IUB), Pakistan
PRESENT POSITION:	Professor (BPS-21)/Chairman Physiology
PASPORT N#:	EP8963532

EDUCATION

- University of Veterinary & Animal Sciences, Lahore, Pakistan 2013, **PhD** (Physiology)
- Quaid e Azam University, Islamabad, Pakistan 1998 , **M.Phil** (Reproductive Physiology)
- University of Veterinary & Animal Sciences, Lahore, Pakistan 1995, **Doctor of Veterinary Medicine** (DVM)

TOPIC OF M.PHIL RESEARCH

“Use of Milk Progesterone Concentrations In Assessing the Efficacy of Artificial Insemination in Cattle & Buffalo”

TOPIC OF PH.D RESEARCH

“Seasonal Variations in Testicular and Seminal Characteristics of Cholistani Bulls”

PROFESSIONAL EXPERIENCE

- Junior Research Assistant | **National Agricultural Research Centre, Islamabad, PAKISTAN**
18 Sept 1995 – 02 June 1998
For the Completion of M.Phil Research work in a Project funded by FAO/LAEA of the UNO.*
- Private Pet Practitioner | **Mobile Veterinary Services, Islamabad, Pakistan.**
1998 – 2000
Gave a novel idea of pet practice through an innovative approach of veterinary medical services to the doorsteps of the pet owners.
- Part Time Lecturer, Medical Physiology | **College of Conventional Medicine, Faculty of Pharmacy & Alternative Medicine, The Islamia University of Bahawalpur, PAKISTAN**
2002 - 2006
Responsible for teaching of complete course of Physiology I & II to the Bachelor of Eastern Medicine & Surgery (BEMS) & Bachelor in Homeopathic Medicine & Surgery (BHMS) both 1st & 2nd Proffs. Also responsible for the paper settings, paper checking, practical conducting & internal examiner for the said classes.
- Lecturer Physiology (BPS-18) | **University College of Veterinary & Animal Sciences, The Islamia University of Bahawalpur, PAKISTAN.**
17 Oct. 2006 – 06 July 2013
Administrative, Academic & research Oriented Responsibilities.

- Assistant Professor (BPS-19) | **University College of Veterinary & Animal Sciences, The Islamia University of Bahawalpur, PAKISTAN.**

07 July 2013 – 11 September 2019

Administrative, Academic & research Oriented Responsibilities.

- Associate Professor (BPS-20) | **Faculty of Veterinary & Animal Sciences, The Islamia University of Bahawalpur, PAKISTAN.**

11 September 2019– 01 August 2022

Administrative, Academic & research Oriented Responsibilities.

- Professor (BPS-21) | **Faculty of Veterinary & Animal Sciences, The Islamia University of Bahawalpur, PAKISTAN.**

02 August 2022– Date

Administrative, Academic & research Oriented Responsibilities.

PROFESSIONAL MEMBERSHIPS / POSITIONS

- **Member** Pakistan Veterinary Medical Council
- **Member Board of Directors**, Bahawalpur Cattle Market Management Company (BCMMC), Bahawalpur, Punjab. March 2014 to Date.
- **Member Center for Veterinary Education**, University of Sydney, Australia. July 2017 to Date
- **Member** (Associate) Bahawalpur Chamber of Commerce & Industry, June 2015 to Date
- **Member** Biological Society of Pakistan, GC University, Lahore, February, 2019
- **Member** WWF Pakistan, February, 2019
- **Associate Member**, Pakistan Society of Hematology, August 2020 to Date
- **Associate Member**, Association of Veterinary Hematology & Transfusion Medicine, August 2020 to Date
- **Life Member**, Society for Animal Reproduction of Pakistan, January 2021 to Date
- **Chairman**, HR and Procurement Committee, BCMMC, September 2020 to Date

EDITORIAL / REVIEWING EXPERIENCE

- **Member** Editorial Board, Journal of Veterinary Advances (JVA), Global Research Journals, Iran, Nov. 2011 to date.

- **Member** Editorial Board, Journal of Ecology and Natural Environment (JENE), Academic Journals, March, 2012 to date.
- **Member** Editorial Board, Journal of Research in Environmental Science and Technology (JREST), International Research Journals, Jan. 2012 to date.
- **Official Reviewer**, Science Domain International, UK. June 2014 to date.
- **Official Reviewer**, Journal of Animal and Plant Science, June 2011 to date.
- **Official Reviewer**, Reproduction in Domestic Animals, Wiley Online Library, July 2016 to date.
- **Official Reviewer**, Andrologia, Wiley Online Library, July 2016 to date.
- **Official Reviewer**, Theriogenology, Elsevier, August 2016 to date.
- **Official Reviewer**, Journal of Applied Animal Research, Taylor & Francis, UK, September 2016 to date.
- **Official Reviewer/MCQ Developer**, National Testing Service-Pakistan May 2015 to date
- **External Examiner/Subject GRE MCQ Developer**, UVAS, Lahore
- **External Examiner/Subject GRE MCQ Developer**, Lahore College for Women University, Lahore
- **Subject Expert/Advisor Punjab Public Service Commission**
- **Member**, Council of Asian Science Editors, July 9th, 2019 to date.
- **Member**, Editorial Team, Journal of Applied Biological Sciences, July 16th, 2020 to date.
- **Member**, Scientific Board, Scientific Papers, Series D, Animal Science, Faculty of Animal Science within the University of Agricultural Sciences and Veterinary Medicine of Bucharest, February 06th 2021 to date.
- **Member**, Asian Council of Science Editors, March 22nd to Date.
- **Member**, Editorial Team, The Journal of Animal and Plant Sciences, February, 2022 to date.

MEMBERSHIPS / ADMINISTRATIVE TASKS ON UNIVERSITY (IUB) BODIES

- **Member Principal Committee** UCV&AS, IUB (27-06-2013 to 25-05-2014)
- **Office In Charge** UCV&AS, IUB (2007-08)
- **Member Pre Selection Committee** for the Selection of Faculty Members for UCV&AS, IUB (2006- 10)

- **Member/Secretary Board of Studies/Advisory Committee**, UCV&AS, IUB (2006 to 2014)
- **In charge Examinations**, UCV&AS, IUB (2006-8)
- **In charge Student Affairs**, UCV&AS, IUB (2008-10)
- **Member Discipline Committee**, UCV&AS, IUB (2006 to 2019)
- **Member Fee Remission Committee**, UCV&AS, IUB (2007-19)
- **In Charge Vet's Blood Donor Society**, UCV&AS, IUB (2009-2019)
- **Member Selection Board**, IUB (June 2013 to May 2014)
- **Member Sports Committee**, UCV&AS, IUB (March 2017 to 2019)
- **Member Internship Evaluation Committee**, UCV&AS, IUB (December 2019 to December 2020)
- **Advisor/Chairman IUB Publication Society**, IUB (December 2019 to December 2020)
- **Chairman Department of Physiology**, IUB, (June 29, 2020 to Date)
- **Patron** International Veterinary Students Association, 13 November, 2020 to Date
- Formulation of PC-1 of UCV&AS, IUB
- Formulation & Compilation of Statutes & Regulations of UCV&AS, IUB
- Compilation of Course Curricula/Compendium for UCV&AS, IUB
- Formulation of PC-1 of Bahawalpur Services Veterinary Hospital & Attached Teaching Veterinary Hospital at IUB
- Organizing Secretary, International Camel Conference, 19-21 Dec 2013. Organized by IUB in Collaboration with HEC
- Chief Organizer, IUB Pet Show 2018, The Islamia University of Bahawalpur
- **Member** Organizing Committee of Blood Camps Held by Regional Blood Centre, Bahawalpur
- **Chairman** Publication Committee, Bahawalpur Literary & Cultural Festival, IUB, 11-12 March, 2020.

ACADEMIC ACHIEVEMENTS / HONORS

- **College Merit Scholarship** from First Year Class to Final Year Class of DVM Course
- **Pfizer Veterinary Merit Scholarship** from Second Year Class to Final Year Class of DVM Course

- Second Position In Class In DVM Course With The CGPA Of 3.49/4.00
- **INFAAQ Foundation Merit Scholarship** throughout the M.Phil Tenure
- **Best Oral Presentation** at 1st International Conference on Poverty and Sustainable Development, Colombo, Sri Lanka. 17-18 June, 2014
- **Award of Travel Grants** by Various Funding Agencies to Present Research Work at Various International Conferences
- **Award of Research Incentives** for the Years 2012, 2013, 2014 and 2015 from IUB
- **Narration of Documentary** at P2P Campaign on “Let Tolerance Be Our Virtue” 01 May to 10 June, 2017 By Institute of Social and Cultural Studies, University of the Punjab, Lahore

SPECIALITY/TECHNICAL TRAININGS

- Light Microscopy
- Artificial Insemination & Pregnancy Diagnosis in Cattle
- Spectrophotometry
- Comparative Hematology
- Ultrasonography
- Breeding Soundness Evaluation

AREAS OF RESEARCH INTEREST

- Reproductive Endocrinology
- Assisted Reproductive Techniques in Bovines
- Livestock Extension & Education in Cholistan Desert
- Comparative Hematology
- Dromedary Camels of Cholistan Desert

RESEARCH PROJECTS

<i>S. No.</i>	<i>Project title</i>	<i>Position</i>	<i>Duration</i>	<i>Status</i>	<i>Funding money (million PKR)</i>	<i>Funding Agency*</i>
1	Devising and Validating Pen-side Hematological Tests as an Enhanced Approach to the Diagnosis of Anemia in Cholistan Livestock (Camels and Cattle)	PI	01 Yr	On-going	3.01	NSLP, PSF
2	Benchmarking Various Predictors of Passive Transfer of Immunity in Cholistan Camel Calves in correlation to Post-natal Growth Performance	Team Scientist	02 Yrs	On-going	8.14	PARB
3	Devising and Validating Serum and Plasma Color Charts for an Earlier Detection of Anemia in Cholistan Cattle	PI	01 Yr	Under Review	0.5	ORIC, IUB

4	Application of Thermal Imaging Technique to Monitor the Reproductive Cycle and Early Pregnancy in Nili Ravi Buffaloes	Team Scientist	2 Yrs	On-going	2.3	NSLP, PSF
5	Enhancing the Reproductive Performance of Cholistani Cattle through Knowledge of Estrus Physiology and Its Manipulation	PI	02 Yrs	Under Review	9.8	NRPU, HEC
6	A Point-of-Care/Field-Side Mobile Phone-Based Platform for Detection of Hemolysis in Cholistani Cattle: An Initiative towards ICT-Integrated Livestock Farming	PI	02 Yrs	Under Review	7.0	Ignite National Technology Fund
7	Evaluation and Validation of Cow-side Point-of-care Testing Measurements of Cardiac Biomarkers for an Earlier Diagnosis/Prognosis of Cardiomyopathies in Pakistani Cattle	Team Member	02	Under Review	10.0	RSP, PSF

*HEC: Higher Education Commission of Pakistan; PSF: Pakistan Science Foundation; PARB: Pakistan Agricultural Research Board; NSLP: Natural Sciences Linkage Program of PSF; NRPU: National Research Program for Universities

PUBLICATIONS (IF ~ 39.858) (CI ~ 965)

Papers in Refereed Journals

S. No.	Title	IF
NATIONAL		
1	M. Anzar, U. Farooq , M.A. Mirza, M. Shahab and N. Ahmad. (2003) Factors Affecting the Efficiency of Artificial Insemination in Cattle & Buffalo in Punjab, Pakistan. <i>Pakistan Veterinary Journal</i> . 23 (3): 106-113.	-
2	I. Ali, U. Farooq , S. Hameed, F. Shehzad, F.S. Khan and M.A. Tausif. (2008) Performance of Cholistani Male Cattle Calves Fed Fattening Ration under Local Climatic Conditions. <i>Pakistan Journal of Agricultural Sciences</i> . 45(2): 184-189.	-
3	I. Ali, M.S. Chauhdry and U. Farooq . (2009) Camel rearing in Cholistan Desert of Pakistan. <i>Pakistan Veterinary Journal</i> . 29(2):85-92.	-
4	U. Farooq , H.A. Samad, F. Sher, M. Asim and M.A. Khan. (2010) Cholistan and Cholistani Breed of Cattle. <i>Pakistan Veterinary Journal</i> , 30(2): 126-130.	0.707
5	U. Farooq , A. Qayyum, H.A. Samad and H.R. Chauhdry and N. Ahmad. (2010) Field surgical intervention of bovine Actinomyces. <i>Pakistan Veterinary Journal</i> , 30(4): 249-250.	0.707

6	A. Qayyum, U. Farooq , H.A. Samad and H.R. Chauhdry. (2010). Prevalence, clinicotherapeutic and prophylactic studies on Theileriosis in district Sahiwal, Punjab. <i>Journal of Animal and Plant Sciences</i> , 20(4): 266-270.	0.250
7	F. Shehzad, M. Yaqoob, M. Yunas, U. Farooq , F. Sher, M. Asim, S. Qamar, M.Akbar and I. Irshad. (2010), Factors affecting the birth weight of Cholistani cattle calves. <i>Pakistan Veterinary Journal</i> , 30(4): 247-248.	0.707
8	S. Sajjad, U. Farooq , M. Anwar, A. Khurshid and S.A. Bukhari. (2011) Effect of captivity on plasma cortisol level and behavioral pattern of Bengal tigers (<i>Panthera tigris tigris</i>). <i>Pakistan Veterinary Journal</i> , 31: (3): 195-198.	1.255
9	U. Farooq , H. A. Samad and M.F. Qamar. (2011) Teaching of physiology to the veterinary students in Pakistan: Present Past and Future Scenarios. <i>Journal of Educational Research</i> . 14(1): 146-153.	-
10	H.R. Chauhdry, H.A. Samad, U.Farooq , A. Qayyum, M. Ghori and M.Latif. (2011) Metanalysis of fish farming and sale in Bahawalpur (Pakistan). <i>Research Opinions in Animal & Veterinary Sciences</i> . 1(2): 122-125.	-
11	U. Farooq , Z. Saeed, M.A. Khan, I. Ali and M.F. Qamar. (2011) Sero-surveillance of Hemorrhagic Septicemia in Buffaloes and Cattle in Southern Punjab, Pakistan. <i>Pakistan Veterinary Journal</i> . 31: (3): 254-256.	1.255
12	U. Farooq , H.A. Samad, A. Khurshid and S. Sajjad. (2011) Normal reference hematological values of one-humped camels kept in Cholistan desert. <i>Journal of Animal and Plant Sciences</i> . 21(2):157-160.	0.585
13	A. Qayyum, A. Yusaf, T. Ahmad, Z.U. Rehman and U. Farooq . (2012). Immunomodulatory effects of Lisovit® in response to newcastle disease and infectious bursal disease vaccines in broilers. <i>Journal of Animal and Plant Sciences</i> . 22(1): 11-14.	0.585
14	M.S. Ijaz, A.K. Mahmood, M.A. Khan, N. Ahmad and U. Farooq . (2012). Viability of split thickness autogenous skin transplantation in canine distal limb reconstruction- An experimental evaluation. <i>Pakistan Veterinary Journal</i> . 32(2): 193-196.	1.255
15	U. Farooq , S. Sajjad, M. Anwar and B.N. Khan. (2012). Serum chemistry variables in Bengal tigers (<i>Panthera tigris tigris</i>) kept in various forms of captivity. <i>Pakistan Veterinary Journal</i> . 32(2): 283-285.	1.255
16	U. Farooq , I. Ahmad, N. Ahmad, H. Rehman and H. Zaneb (2012). Hematologic profile revisited: Adult Cholistani breeding bulls as a model. <i>Journal of Animal and Plant Sciences</i> 20(4): 835-839.	0.638

17	U. Farooq , I. Ahmad, N. Ahmad, H. Rehman and H. Zaneb (2013). Investigations on semen quality and freezability of Cholistani breeding bulls- A preliminary study from Cholistan desert of Pakistan. <i>Journal of Animal and Plant Sciences</i> 23(2): 359-363.	0.549
18	S.A. Mahmood, I. Ahmad, N. Ahmad, H. Rehman, H. Zaneb and U. Farooq (2013). Studies on libido and serum testosterone concentration of Cholistani AI bulls under stress free and stressful seasons. <i>Journal of Animal and Plant Sciences</i> . 23(6): 1491-1495.	0.549
19	U. Farooq , I. Ahmad, N. Ahmad, H. Rehman and H. Zaneb (2013). Seasonal variations in certain physical and biochemical attributes of semen from Cholistani AI bulls. <i>Pakistan Veterinary Journal</i> . 33(4): 510-514.	1.392
20	A.K. Mehmood, M.S. Khan, M.A. Khan, M. Bilal and U. Farooq (2013). Lactic acidosis in goats: Prevalence, intra-ruminal and haematological investigations. <i>Journal of Animal and Plant Sciences</i> 23(6): 1527-1531.	0.549
21	M.F. Qamar, H. Shahid, A.A. Anjum, M.A. Ali and U. Farooq (2013). Prevalence of coccidiosis in peacocks at Lahore, Pakistan. <i>Biologia</i> 59(1): 57-68.	-
22	S. Ashraf, H.R. Chauhdry, U. Farooq , Y.S. Mustafa, H. Fatima and S. Akhter (2013). Prospective of dairy farming in Cholistan. <i>Science International</i> . 25(2): 345-346.	-
23	S.A. Mahmood, I. Ahmad, N. Ahmad, H. Rehman, H. Zaneb and U. Farooq (2014). A study on relationships among age, body weight, orchidometry and semen quality parameters in adult Cholistani breeding bulls. <i>Journal of Animal and Plant Sciences</i> 24(2): 380-384.	0.448
24	S. Ali, A. Khurshid, U. Farooq , S. Hussain, A. Zain, SA. Khaliq, AW Manzoor, A. Mushtaq and M. Idris (2015). Descriptive epidemiology of mortality in certain species of captive ungulates in Pakistan. <i>Journal of Veterinary and Animal Sciences</i> 4(1): 11-17.	-
25	Z. Batool, M.H. Lashari, U. Farooq , M. Idris, U. Riaz, M Ali. (2018). A preliminary study on certain blood biomarkers of Cholistani breed of cattle being reared under nomadic pastoralism at various stages of pregnancy. <i>Journal of Animal and Plant Sciences</i> ,28(6): 1687-1692	0.529
26	M. Lashari, R. Hameed, U. Farooq , M. Idris & Z.U. Rehman. (2018). Sex determination through Barr bodies of neutrophils in Humans and Dogs. <i>Biologia</i> 64(1): 101-104.	-
27	M. Lashari, U. Farooq & F. Afzal. (2018). Hematological changes in free-range chicken (<i>gallus domesticus</i>) naturally infected with <i>Toxoplasma gondii</i> . <i>Sarhad Journal of Agriculture</i> . 34 (4): 973-978.	-

28	M. Lashari, U. Farooq , A. Ammara, M.N. Tahir, A. Khurshid & Z.U. Rehman. (2019). Sex determination through Barr bodies of neutrophils in Cattle and Buffalo. <i>Biologia</i> 65(1): 11-15.	-
29	M. Lashari, S. Sumera, U. Farooq , Z.U. Rehman, S. Sial, F. Ahmad, F. Afzal, M.S. Akhter, M. Nawaz and A.B. Gulshan (2019). Effect of smoking on lipid profile of inhabitant smokers of Hasilpur, District Bahawalpur, Pakistan. <i>RADS Journal of Biological Research & Applied Sciences</i> , 10(2): 82-86.	-
30	M. Lashari, U. Farooq , Z. Anwar, S Masood, N. Sial, F. Afzal, S. Ashraf, T. Inayat and M.A. Akhter (2019). Prevalence of obesity, overweight and associated factors in female students of The Islamia University of Bahawalpur, Pakistan. <i>Pure & Applied Biology</i> , 8(2): 1718-1723.	-
31	U. Farooq , W. Abbas, U. Riaz, M. Idris, S. Hameed, M. Khalid, M. Lashari (2020). An approach towards measurement of sexual behavior in Cholistani service bulls and its association with serum testosterone levels. <i>Pure & Applied Biology</i> , 9(1): 369-375.	-
32	M. Lashari, U. Farooq , M. Idris, Z.U. Rehman, A. Aslam, I. Shafiq, S. Bibi, M.J. Majeed, A. Rasheed (2020). Physiological serum chemistry variables and Brix% for assessing status of passive transfer in goat kids. <i>Journal of Animal and Plant Sciences</i> , 30 (5): 1331-1335.	0.490
33	M. H. Lashari, M. Bibi, U. Farooq , F. Afzal, A. Ali, M. Safdar, M.S. Akhter, A.A. Farooq, S. Masood, M. Ayaz and M.I. Khan. (2021). Study on the prevalence and hematological alterations in <i>Toxoplasma gondii</i> infected captive pheasant species of Bahawalpur Zoo, Pakistan. <i>Journal of Animal and Plant Sciences</i> , 31(2): 625-629.	0.570
34	U. Riaz, U. Farooq, M.H. Lashari, M. Idris, S. Sajjad and S. Hamid (2021). Study on effect of coat color on various reproductive attributes of Cholistani service bulls. <i>Biomedical Letters</i> , 7(2): 162-168.	-
35	U. Farooq, Z.U. Rehman, M. Sharif, M.H. Lashari, M. Idris, M. Hussain, M.W. Tasleem (2023). Effect Of <i>Moringa Oleifera</i> Leaves On Hematological And Serum Chemistry Attributes Of Apparently Healthy Rabbit Does. <i>Journal of Animal and Plant Sciences</i> , (Accepted)	0.570
36	M. Idris, F. Muhammad, H. Anwar, U. Farooq , M. A. Anjum and H. Rashid (2023). Physio-biological markers in zinc-induced moulted and non-moulted white leghorn layers (<i>gallus domesticus</i>). <i>Journal of Animal and Plant Sciences</i> , 33(1): (In Print)	0.570
Total		15.415
1	U. Farooq , H.A. Samad, F. Shehzad and A. Qayyum. (2010) Physiological	-

	Responses of Cattle to Heat Stress. <i>World Applied Sciences Journal</i> 8 (Special Issue of Biotechnology & Genetic Engineering): 38-43.	
2	S. Sajjad, U. Farooq , H. Malik, M. Anwar and I. Ahmad (2012) Comparative Hematological variables of Bengal tigers (<i>Panthera tigris tigris</i>) kept in Lahore Zoo and Lahore Wildlife Park, Lahore, Pakistan. <i>Turkish Journal of Veterinary and Animal Sciences</i> . 36(4): 346-351.	0.276
3	M. Ziaullah, A. Ijaz, M. Aleem, A.K. Mahmood, H. Rehman, S. Bhatti, U. Farooq and U. Sohail. (2012). Optimal inclusion level of butylated hydroxytoluene in semen extender improves the quality of post thawed canine sperms. <i>Czech Journal of Animal Science</i> . 57(8): 377-381.	1.079
4	S. Sajjad, H. Malik, U. Farooq , F. Rashid, H. Nasim, S. Tariq and S. Rehman (2014). Cadmium Chloride toxicity revisited: Effect on certain andrological, endocrinological and biochemical parameters. <i>Physiological Research</i> 63(4). 505-512.	1.293
5	U. Farooq , S.A. Mahmood, I. Ahmad, N. Ahmad, M. Idris and M.T. Abbas (2015). Evaluation of post thaw sperm parameters and fertility of Cholistani service bulls. <i>Turkish Journal of Veterinary and Animal Science</i> 39: 472-479.	0.352
6	S. Naz, M. Idris, M.A. Khalique, I.A. Alihidary, M.M. Abdelrahman, R.U. Khan, N. Chand, U. Farooq and S. Ahmad (2016). The activity and use of zinc in poultry diets. <i>World's Poultry Science Journal</i> 72: 159-167.	1.037
7	S. Sajjad, S. Tobassum, U. Farooq , H. Malik and M. Idris (2016). Effect of Naloxone and Yohimbine in polycystic ovary syndrome: A rabbit model study. <i>Turkish Journal of Medical Sciences</i> 46: 1265-1270.	0.710
8	Z. Saeed, F. Iqbal, M. Hussain, R.S. Sheikh, U. Farooq , A. Akbar, M. Gulsher, M.M. Ayaz, S.A. Mahmood, M. Ali and M. Aktas (2016). Molecular Prevalence and Haematology of Tropical Theileriosis in Cholistani Cattle from Nomadic Herds of Cholistan Desert, Pakistan. <i>Kafkas Universitesi Vetrineri Fakultesi Dergisi</i> 22(2): 281-286.	0.432
9	U. Farooq , N. Ahmad, I. Ahmad, S.A. Mahmood, S.M.H. Andrabi and M. Idris (2017). Effect of seasonal variations on hematochemical profile of Cholistani service bulls. <i>Journal of Applied Animal Research</i> 45(1): 85-89.	0.826
10	DH Mughal, Ahmad I, MS Yousaf, F Wadood and U. Farooq (2017). Cryopreservation of Buffalo (<i>Bubalus Bubalis</i>) Semen- Limitations and Expectations. <i>Buffalo Bulletin</i> 36(1): 1-11.	0.119
11	M. Idris, R.Z. Abbas and U. Farooq (2017). The potential of antioxidant rich	1.439

	essential oils against avian coccidian. <i>World's Poultry Science Journal</i> 73 (1): 89-104.	
12	D.H. Mughal, I. Ahmad, M.S. Yousaf, F. Wadood and U. Farooq (2018). Effect of osmotic pressure on spermatozoa characteristics of cryopreserved buffalo bull (<i>Bubalus bubalis</i>) semen. <i>Journal of Applied Animal Research</i> 45(1): 274-277.	1.092
13	Khurshid, A., M. Usman and U. Farooq (2018). Persistent traditional milk marketing chain- A leading cause of fatal diseases in Pakistan. <i>Iranian Journal of Public Health</i> . 47(7): 1053-1054.	1.225
14	U. Farooq , M. Idris, M. Iqbal, A. Khurshid & Z.U. Rehman (2018). Accreditation and evaluation of veterinary medical institutes: A Pakistani perspective. <i>Scientific & Technical Review of the OIE</i> 37(3): 797-804.	0.503
15	S. Sajjad. H. Malik, L. Saeed, I. Hashim, U. Farooq , F. Manzoor (2019). Synergistic potential of propolis and Vitamin E against sub-acute toxicity of AlCl ³ in Albino mice: In vivo study. <i>Physiological Research</i> . 68(1): 67-74.	1.655
16	M.H. Lashari, U. Farooq , S. Mubeen, W. Hassan, M.F. Azher, S. Shahida, M.I. Khan, , S. Aslam, S. Masood, M. Anam, A. Wajid, M.T. Pervez, M.S. Akhter, A.A. Farooq, S. Zafar, M. Nawaz, A.B. Gulshan (2020). Seroprevalence of <i>Toxoplasma gondii</i> and associated hematological alterations in small ruminants of D.G. Khan district of Southern Punjab, Pakistan. <i>Arquivo Brasileiro de Medicina Veterinaria e Zootecnia</i> . 72(5): 1698-1704.	0.442
17	Sajjad, S., L. Saeed, H. Malik, U. Farooq and S. Akhter. (2020). Ethanolic extract of propolis and vitamin E attenuates metal-induced testicular necrosis: time –related study on male reproductive system in albino mice. <i>The European Zoological Journal</i> . 87(1): 138-147.	1.747
18	M.H. Lashari, H. Anjum, W. Hassan, S. Mubeen, M.F. Azher, U. Farooq , M. Anam, N. Sial, A.B. Gulshan, M. Nawaz, S. Masood, M. Naeem and M.I. Khan (2021). Study on prevalence and liver function test enzymes of differently plumaged captive peafowls (<i>Pavo cristatus</i>) infected with <i>Toxoplasma gondii</i> in captivity. <i>Arquivo Brasileiro de Medicina Veterinaria e Zootecnia</i> . 73(2): 529-533.	0.409
19	M.H. Lashari, I. Ahmad, M. S. Akhter, S. Masood, U. Farooq , A.A. Farooq, S. Leghari and M. Naeem. (2021). Hematological and Biochemical Parameters of Pregnant and Lactating Goats in Rangeland of Cholistan Desert, Bahawalpur, Pakistan. <i>Journal of the Hellenic Veterinary Medical Society</i> . 72(1): 2781-2786.	0.516
20	S. Hamid, S. Masood, H. Zaneb, M.S. Khan, M. Younis, M. Awais, Z. Kamran, U. Farooq , M.I. Shahzad, M. Javed and M. Qamar. (2021). Orchidometric, Seminal and Sperm Dimensional Characteristics: A Study on Interrelationships in Nili Ravi	-

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24	U. Farooq , M. Idris, M.H. Lashari, B. Ali, U. Younis, Z. Kamran, N. Khan, A. Shokat and Z. Perveen. (2022). Study on erythrocyte osmotic fragility in apparently healthy cholistani camels reared under intensive farming system. <i>Journal of Camel Research and Practice</i> . (In Print)	0.330
25	A. Khan. M.H. Lashari, U. Farooq . (2022). Effect of season and housing systems on various physiobehavioral attributes of local breed of rabbits (<i>Oryctolagus cuniculus</i>) in Southern Punjab, Pakistan. <i>Brazilian Journal of Biology</i> . 82: e258816.	1.651
26	Khalid, M. M.H. Lashari, U. Farooq , and T. Mehmood (2022). Deleterious effects of amoxicillin on immune system and hematobiochemical parameters of rabbit. <i>Biomed Research International</i> . 22: 1-8.	3.246
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- **U. Farooq**, H.A. Samad, F. Shehzad and A. Qayyum. "Physiological Responses of Acclimated Cattle to Heat Stress". *30th Pakistan Congress of Zoology (Int.)*, Univ. Agri. Faisalabad. Mar. 2-4, 2010. pp. R75-81.
- **U. Farooq**, Z. Saeed, M.A. Khan and H.A. Samad. Sero-surveillance of Hemorrhagic Septicemia in Buffaloes and Cattle of Dera Ghazi Khan, Punjab, Pakistan. *Nat. Conf. Strategies to Improve Red Meat Production in Pakistan*. BZU, Multan. Oct. 13, 2010. pp 6-12.

- H.R. Chauhdry, H.A. Samad, M.A. Sabri, **U. Farooq**, H.B. Rashid, A. Qayyum and T. Ghori. Socioeconomic Standing of Metronomads in Bahawalpur City (Meat/Milk Production Grass Root). *Nat. Conf. Strategies to Improve Red Meat Production in Pakistan. BZU, Multan.* Oct. 13, 2010. pp 68-72.

Abstracts

National

- **U. Farooq**, H. A. Samad, F. Shehzad, F. Sher. M. Asim and M. Arif, “Cholistani and Cholistani Breed of Cattle”. *2nd Nat. Sym. Micro. Sindh Univ. Jamshoro.* Mar. 18-20, 2010. pp. 14
- **U. Farooq**, H.A. Samad, Haroon R. Chauhdry and A. Qayyum, “Milk Supply and Human Nutrition: A Cholistani Perspective”. *Int. Conf. Hum. Nut. 20th All Pakistan Food Science Conference. National Institute of Food Science & Technology, Univ. Agri. Faisalabad.* 22-26 Feb. 2010.
- **U. Farooq**, H. A. Samad, F. Sher. M. Asim and M. Arif Khan, “Cholistani and Cholistani Breed of Cattle”. *30th Pakistan Congress of Zoology (Int.), Univ. Agri. Faisalabad.* Mar. 2-4, 2010. pp 227.
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- **U. Farooq**, I. Ahmad, N. Ahmad, M. Aleem and N. Latif. Studies on age, body weight and orchidometry in Cholistani breeding bulls. *Society for Reproduction and Fertility Annual Conference, University of Edinburgh, UK, July 09-11, 2012.*
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- H. R. Chaudhry, A. Qayyum, **U. Farooq** and H. B. Rashid, "Effect of Diclofenac Sodium in Blue Shoulder pheasant" *2nd Int. Vety. Poultry. Cong. Tehran, Iran. Feb.20-21, 2010*
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- **U. Farooq** & H.A. Samad. Teaching of Physiology to the Veterinary Students in Pakistan: Present, Past and Future Scenarios. *World International Conference on Technology Support Education. Jordan. Dec. 2-3, 2010.*
- Ijaz, M. Ziaullah, M Aleem, AK Mahmood, H Rehman, and **U. Farooq**. Inclusion level of butylated hydroxytoluene in cryopreservation diluents improves the post thaw quality of canine sperm. *17th International Congress on Animal Reproduction. British Columbia, Canada. 29 July to 2 Aug, 2012. pp 580.*

- **U. Farooq**, I Ahmad, N. Ahmad, H. Rehman and SA Mehmood. Investigations on semen quality and freezability in Cholistani breeding bulls- A preliminary study from Cholistan desert of Pakistan. *17th International Congress on Animal Reproduction. British Columbia, Canada.* 29 July to 2 Aug, 2012. pp 554.
- **U. Farooq**, Ijaz A, N. Ahmad, H. Rehman and H. Zaneb. A study on relationships among age, body weight, orchidometry and semen quality in adult Cholistani breeding bulls. *1st International Conference on Animal Production and Environment, Can Tho University, Vietnam.* 13-14 Dec. 2012.
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- **U. Farooq**. A Pathway to Sustainable Agriculture through Protection and Propagation of Indigenous Livestock Breeds of Pakistan- Cholistani Cattle as a Case Study. *International Conference on Poverty and Sustainable Development, Colombo, Sri Lanka,* 17-18 June, 2014. pp 19.
- **U. Farooq**, N Ahmad, I Ahmad and S A Mahmood. Seasonal Variations in Fertility of Cholistani Service Bulls in Perspective to Their Post Thaw Seminal Attributes. *XXVIII World Buiatrics Congress, Cairns, Australia,* 25 July-01 Aug 2014. pp 118.
- S Sajjad, M Idris, S Tobassum, **U Farooq** and H Malik. Effects of Naloxone and Yohimbine in Polycystic Ovary Syndrome- A Rabbit Model Revisited. *International Biosciences Conference, Phuket, Thailand,* 29-30 Sept. 2014. pp 85.
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- Musadiq Idris, Sajjad Ali, Syed A. Khaliq, **Umer Farooq**, Anam Khurshid. Descriptive Epidemiology of Mortality in Certain Species of Captive Deer in Pakistan. *XIII International conference on animal and veterinary medicine (ICAVM 2015)* 11-12 March 2015, Dubai UAE.
- **U. Farooq**. Sustainability through Protection and Propagation of Indigenous Livestock Breeds- Cholistani Breed of Cattle as Model from Cholistan Desert, Pakistan. *3rd United Nations Convention to Combat Desertification, Cancun, Mexico.* 9-12 March, 2015. pp: 114.
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- **U. Farooq**, Z. Batool, M Lashary, M. Idris and A. Khurshid. A preliminary study on certain blood biomarkers of Cholistani breed of cattle being reared under nomadic pastoralism at various stages of pregnancy. *Agriculture for Life, Life for Agriculture, International Conference of University of Agronomics and Veterinary Medicine, Bucharest, Romania.* 08-10 June, 2017. pp: 38
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- S. Hamid, S. Masood, H. Zaneb, M.S. Khan, M. Younas and **U. Farooq**. Correlations among Body Weight, Testicular Biometry, Semen Characteristics and Sperm Dimensions in Nili-Ravi Buffalo Bulls. *1st International Veterinary Anatomy Congress of Turkey. Sandikli, Turkey.* 13-16 September, 2017. pp: 106.
- Rehman ZU, MH Lashari, **U. Farooq**, Rasheed A and Idris M. Assessing the adequacy of passive transfer in goat kids from Dera Ghazi Khan, Punjab, Pakistan. *International Agricultural Congress of Mus Plain, Turkey.* 24-27 September, 2019. pp: 19.

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- Rehman ZU, Liaqat AR, **Farooq U**, Hussain T, Baber ME and Idris M. First Study on Libido and Seminal Attributes of Dajal Breeding Bulls. 7th International Conference on Agriculture, Animal Sciences and Rural Development, Mus, Turkey. 18-19 September, 2021. pp: 8-9.
- Z. U. Rehman, **U. Farooq**, M. Shehzad, Z. Ali and S.S. Batool, Camel Production: Nature's Way Forward to Combat Climate Change. 8th International Conference on Agricultural and Biological Sciences, China, 08-11 August, 2022 (Online). pp: 33.

Book Published

- **“Factors affecting A.I. in cattle and buffalo of Pakistan. Efficacy of A.I. in Punjab, Pakistan”** Lap Lambert Academic Publishing (July, 20, 2010). Germany ISBN10: 383838654X. ISBN13: 978-3838386546.
Paperback: 64 pages

Popular Press Articles

- I. Ali and **U. Farooq**. (Nov. 2007) Establishment of University College of veterinary & Animal Sciences, The Islamia University of Bahawalpur. *Veterinary News & Views*.
- **U. Farooq**, H.A. Samad, A. Khurshid & S. Umar (Jan. 2011) MOET- An Avenue yet Unexplored. *Veterinary News & Views*. (6): 12
- A. Khurshid, **U. Farooq** & S.A. Mahmood (Feb. 2011). MOET- Areas Currently Under Focus. . *Veterinary News & Views*. (6): 13
- **U. Farooq**, H.A. Samad & A. Wahab (Feb. 2011) Role of Veterinarians, Redefined. Newsletter in World Veterinary Association (www.worldvet.org)
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- **U. Farooq** (May 30th, 2012). Protection and propagation of indigenous cattle of Pakistan. *The Business*. 7(153): 5
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- **U. Farooq, T. Abbas & M. Idris** (April, 2018). Genetically Engineered Hormone in Dairy Industry. *Pakistan Observer*. pp.5 Vol XXIX, Issue 3.
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- P. B. Petru & **U. Farooq** (April 27th, 2020). The People In-Charge- Are We in the Right Hands? *The Frontier Post*. pp7. Vol XXXVII, Issue No. 112.
- **U. Farooq** (May 28th, 2020). Favoring the Bats in Times of COVID-19 *The Frontier Post*. pp6. Vol XXXVII, Issue No. 141.
- **U. Farooq & P. B. Petru** (April 07th, 2021). Controversy Theories from Across the Globe: COVID-19 in Perspective. <https://www.facebook.com/AAnewspakistan>

Summary of Publications:

- Papers In Refereed Journals:
 - International: 27
 - National: 36
- Papers In Proceedings: 02
- Abstracts:
 - International: 28
 - National: 26
- Books: 01
- Popular Press Articles: 12

WORKSHOPS/TRAININGS/SEMINARS CONFERENCES ATTENDED

NATIONAL				
S. No.	Title	Venue & Dates	Reason of Attending	Funding Agency
WORKSHOP & TRAININGS				
1	<i>"Semester System of Education"</i> Organized by IUB	IUB, Nov.21-23, 2008	Campus Management Solutions	None
2	<i>"Peoplesoft Campus Management Solutions"</i> One day interactive workshop Organized By The Islamia University of Bahawalpur & Higher Education Commission	IUB, Jan. 2009	Campus Management Solutions	None
3	<i>"Advanced English Communication Course for Administration & Faculty"</i>	IUB. June 23 – Aug. 30, 2009	English Communication Course	IUB
4	<i>"Need Assessment for Research Proposals"</i> 1 Day Workshop Organized By Directorate of Planning & Evaluation, L&DD Punjab & University of Veterinary & Animal Sciences, Lahore	UVAS, Lahore, Aug. 03, 2009	Research Directions for Livestock of Pakistan	IUB
5	<i>"Developing Literature Review"</i> 1-Day Workshop Organized By COMSATS Institute of	COMSATS, Lahore, Jan. 1 st	Hands on Practice on Literature	IUB

	Technology & Institute of Research Promotion	2010	review	
6	<i>"Publishing Your Data"</i> 1-Day Workshop Organized By COMSATS Institute of Technology & Institute of Research Promotion	COMSATS, Lahore, Jan. 29 th . 2010	Hands on Training on Publishing	IUB
7	<i>"Strategies on Improvement in Livestock Reproduction"</i> One Day National Workshop Organized by Society of Animal Reproduction of Pakistan	UVAS, Lahore, Nov. 19 th , 2011	Research Groups Meeting	IUB
8	<i>"Research Methodologies Using Statistical Techniques in Biological Sciences."</i> Organized by Department of Livestock Business Management, UVAS	UVAS, Lahore. Jan. 3-8, 2011	Research Methodologies Training	HEC
9	<i>"Manuscript Writing by Using Endnote Software"</i> Organized by UVAS, Lahore	UVAS, April 1-2. 2013	Using Endnote	HEC
10	<i>"Recent Advances in Canine Reproduction"</i> Organized by UVAS, Lahore	UVAS, June 11-12. 2014	Hands on Training on Canine Reproduction	IUB
11	<i>"1-Day Workshop on Electrophysiology"</i> Organized by UVAS, Lahore and Frei University, Berlin	UVAS, Nov 21. 2014	Hands on Training on Electrophysiology	None
12	<i>"2-Days Workshop on Livestock Management & Marketing Practices"</i> Organized by FeedSol Pvt.	Sahiwal, 19-21 Feb. 2019	Invited Session Lecture on Body Condition Scoring	None
13	<i>"Series of Workshops on Science Writing"</i> Organized by IUB Publication Society, IUB	IUB, January 6-7, 2020	Invited Series of Lectures on Science Writing	None
14	<i>"4th International Workshop on X-Ray Crystallography in Structural Biology"</i> Organized by Material Chemistry lab, IUB.	IUB, 25-27 February, 2020	Hands on Training on X-Ray Crystallography	None
15	<i>"Survey-Based Research- Devising a Questionnaire/Form by Google Form"</i> Organized by IUB Publication Society, IUB	IUB, Online, 6 July, 2020	Invited Lecture on Hands-on Training in Survey Designing	None
16	<i>"Challenges & Recent Developments in NHL"</i> Organized by Pakistan Society of Hematology	Online, 24 October, 2020	Attendee	None

17	<i>"Tips for Getting Published"</i>	October 27, 2020 HEC, Pakistan & Proquest	Online Course	None
18	<i>"Using Refworks"</i>	October 26, 2020 HEC, Pakistan & Proquest	Online Course	None
19	<i>"What & Why of Literature Review"</i> Organized by IUB Publication Society, IUB	IUB, Online, 3 April, 2021	Invited Lecture	None
20	<i>"DLBCL-A Hard Nut to Crack"</i> Organized by Pakistan Society of Hematology	Online, 8 March, 2021	Attendee	None
21	<i>"SARS Cov-2: Pathogenecity, mRNA Vaccine & Immunity"</i> Organized by Multiomics	Online, 7-9 March, 2021	Attendee	None
22	<i>"Reference Management Softwares"</i> Organized by IUB Publication Society, IUB	Online, 24 May, 2021	Focal Person	None
23	<i>"Diagnostic Challenges in Lab Hematology"- Case Studies</i> Organized by Pakistan Society of Hematology	Online, 22 May, 2021	Attendee	None
24	<i>"World Sickle Cell Day"</i> Organized by Department of Physiology, IUB and Department of Hematological Diseases, BVH, Bahawalpur	Online, 21 June, 2021	Focal Person	None
25	<i>"Updates on Venous Thrombosis"</i> Organized by Pakistan Society of Hematology	Online, 07 August, 2021	Attendee	None
26	<i>"Managing References through Endnote"</i> Organized by Department of Physiology in Collaboration with Sir Muhammad Khan Library, IUB	Main Library, IUB. December 30, 2021	Principal Organizer	None
27	<i>"1-Day National Hands on Training Workshop in Clinical Electrocardiography"</i> Organized by Department of Physiology, IUB	01 January, 2022	Principal Organizer	PSF
SEMINARS/WEBINARS				
1	<i>"Design and Plan of the Desert Safari"</i> 1-Day Consultancy Workshop Organized By Punjab Wildlife & Parks Department	Lal Suhanra National Park, Bahawalpur. March 15-20,	Consultation Invited Lecture	None

		2007		
2	<i>“Dairy Development-White Revolution and Export of Halal Food”</i> One Day Seminar Organized By Trade Development Authority of Pakistan and Bahawalpur Chamber of Commerce & Industry (BCCI), Bahawalpur	BCCI, Bahawalpur, Aug.08, 2009	Seminar Attending	None
3	<i>“The Awareness and Current Status of Rabies”</i> One Day Seminar Organized by Department of Epidemiology & Public Health, UVAS, Lahore	UVAS, Lahore. July 28 th , 2011	Seminar on Rabies	None
4	<i>“Effects of Draught on Cholistan Lives and its Preparedness”</i> Organized by Directorate of Livestock, L&DD, Punjab, Bahawalpur	La Taska Hotel, Bahawalpur May 17 th , 2017	Lecture on “Drought and Migratory Patterns of Cholistanis- An Introduction”	None
5	<i>“Modern Type 2 Diabetes Care- SUs in the Cornerstone”</i> Organized by Servier Global Medical and Patient Affairs,	Online Webinar June 22, 2021	Panelist	None
6	<i>“Thalassemia Awareness and Free Screening Camp”</i> organized by Department of Physiology, IUB in collaboration with Punjab Thalassemia and Other Genetic Disorders Prevention and Research Institute (PTGD), and Department of Hematological Diseases, Thalassemia and Bone Transplantation, BVH, Bahawalpur	IUB May 31, 2022	Chief Organizer	PTGD, Punjab
CONFERENCES				
1	<i>“International Conference on Nuclearization of South East Asia, Consequences, Challenges and Future Prospects”</i> organized by Faculty of Management Science	IUB, 11-13 March, 2007	Member Organizing Committee	HEC
2	<i>“International Conference on Future Prospects of Dairy Production in Pakistan”</i> Organized By Dept. of Livestock Management	UAF, Faisalabad. Nov.03-04, 2008.	Oral Presentation	None
3	<i>“5th International Symposium on Biotechnology”</i> Organized By University of Sindh, Jamshoro	University of Sindh, Jamshoro Oct. 4-7, 2009	Oral Presentation	IUB

4	<i>"2nd National Symposium on Microbiology: New Trends and Advancements in Microbiology"</i> Organized by University of Sindh, Jamshoro	University of Sindh, Jamshoro. March 18-20, 2010	Oral Presentation	IUB
5	<i>"International Conference on Recent Advances in Human Nutrition with Special Reference to Vulnerable Groups"</i>	University of Agriculture, Faisalabad. Feb. 22-25 2010	Participation	None
5	<i>"International Conference on Toxicology"</i> Organized by UVAS, Lahore	UVAS, Lahore, Jan. 26-27, 2012	Poster Presentation	HEC
6	<i>"International Camel Conference"</i>	IUB, 19-21 Dec. 2013	Organizing Secretary/ Oral Presentation	HEC
7	<i>"15th Shaukat Khanum Cancer Symposium"</i> Organized by Shaukat Khanum Memorial Cancer Hospital & Research Centre, Lahore (SKMCH) and Continuing Medical Education of USA	PC Hotel, Lahore 11-13 Nov. 2016	Invited Lecture	SKMCH
8	<i>"1st International Conference on Climate Change and Biodiversity"</i>	IUB, 02-04 May, 2017	Oral Presentation	IUB
9	<i>"2nd International Conference on Teaching & Learning"</i>	IUB, 21-22 Feb, 2019	Oral Presentation	IUB/HEC
10	<i>"Vaccines against Arthropod-Borne Diseases"</i> Organized by CUVAS, Bahawalpur	Online 09 July, 2021	Participation	None
11	<i>"20th Shaukat Khanum Cancer Symposium"</i> Organized by Shaukat Khanum Memorial Cancer Hospital & Research Centre, Lahore (SKMCH) and Continuing Medical Education of USA	PC Hotel, Lahore 04-07- Nov. 2021	Participation	None
12	<i>"24th Pakistan Society of Haematology Conference- Haemcon 2022"</i> Organized by Pakistan Society of Hematology	Online 05-06 Feb, 2022	E-Poster	None
INTERNATIONAL				

CONFERENCES				
1	<i>1st International Conference on Animal Production and Environment</i>	<i>Can Tho University, Vietnam. 13-14 Dec. 2012</i>	Oral Presentation	None
2	<i>International Conference on Biological, Chemical and Environmental Sciences</i>	<i>Phuket, Thailand, 21-22 Jan. 2014</i>	Oral Presentation / Session Chair Termed as Best Presentation	None
3	<i>International Conference on Poverty and Sustainable Development</i>	<i>Colombo, Sri Lanka, 17-18 June, 2014</i>	Oral Presentation / Session Chair Termed as Best Presentation	PSF
4	<i>XXVIII World Buiatrics Congress</i>	<i>Cairns, Australia, 25 July-01 Aug 2014</i>	Oral Presentation	HEC
5	Agriculture for Life, Life for Agriculture, International Conference of University of Agronomics and Veterinary Medicine	University of Agronomics and Veterinary Medicine, Bucharest, Romania, 08-10- June, 2017	Oral Presentation	HEC
6	6 th Asian Science Editors Conference and Workshop 2020	Council of Asian Science Editors, Online	Oral Presentation on 'Developing A Sound Literature Review'	None
7	4 th Academy of Clinical Experts- An Update in Hematology including Hemato-Oncology	Mumbai Hematology Group & Novartis 27-28 March, 2021, Online	Oral Presentation on "Hematological Advancements in Pakistan in context to Veterinary Sciences"	None

8	Agriculture for Life, Life for Agriculture, International Conference of University of Agronomics and Veterinary Medicine	University of Agronomics and Veterinary Medicine, Bucharest, Romania, 03-05- June, 2021, Online	Poster Presentation	None
9	7 th International Conference on Agriculture, Animal Sciences and Rural Development	Mus Alparslan University, Mus, Turkey, 18-19 September, 2021 Online	Oral Presentation	None
10	07-Day 27 th Congress of European Hematology Association titled “Challenges in Hematology” Organized by Mumbai Hematology Group	Mumbai India, 04-10 July, 2022 Hybrid	Oral Presentation	None

WORKSHOPS & TRAININGS

1	<i>“Isolation and Quarantine Response Strategies for a Biological Disease Outbreak”</i> A 3-Day Workshop Organized by University of Tennessee Institute of Agriculture, USA.	May 30-June 03, 2016 Ritz Carlton, Kuala Lumpur, MALAYSIA	Hands on Training	University of Tennessee Institute of Agriculture, USA
2	<i>“Prevention and Detection of Infectious Zoonotic Diseases in Public and Agricultural Health Sectors”</i> A 05 Day Workshop Organized by University of Tennessee Institute of Agriculture, USA	April 10-14, 2017 Intercontinental Amman, Jordan	Hands on Training	University of Tennessee Institute of Agriculture, USA
3	<i>“How Researchers Changed the World”</i> 12-week online mid-career learning program	April 16-June 16, 2020 Taylor & Francis Group, UK, Online	Hands-on Training in Research Writing & Boosting	None
4	<i>“Common Laboratory Mouse Strains- A Beginners Guide”</i>	May 18, 2020 The Jackson Laboratory,	Online Webinar on Lab Mouse Strains	None

		USA, Online		
5	<i>"Infection, Prevention and Control for COVID-19"</i>	April 1, 2020 Health Emergencies Program of the WHO, Online	Online Webinar	None
6	<i>"Publons Academy Peer review Course"</i>	September 15, 2020 Publons Peer Review Academy	Online Course	None
7	<i>"Strengthening Research Planning using Elsevier Tools- Scopus, ScienceDirect & Mendeley"</i>	October 22 nd , 2020 Elsevier Research Academy	Online Course	None
8	<i>"What is Peer Review? Why Peer Review?"</i> Organized by Elsevier Researcher Academy	March 18, 2021	Online Course	None
9	<i>"Development of a Standardized Visual Inspection Aid for Plasma"</i>	May 08, 2021	Online Course	None
10	<i>"2-Day Workshop on Promoting Research Excellence in Academics Across Pakistan"</i> Organized by Organized by Elsevier Researcher Academy	February 1-2, 2022	Online	None
SEMINARS/WEBINARS				
1	<i>"Reimagining Sickle Cell Disease in India: Expert Conclave"</i> Organized by Mumbai Hematology Group	June 18, 2021	Online	None
2	<i>"Thalassemia- Advances in 2021"</i> Organized by Mumbai Hematology Group	July 11, 2021	Online	None
3	<i>"Acquired Aplastic Anemia in 2021"</i> Organized by Mumbai Hematology Group	July 17, 2021	Online	None
4	<i>"Eosinophilia in Hematology"</i> Organized by Mumbai Hematology Group	July 31, 2021	Online	None
5	<i>"Publication Ethics and Research Integrity"</i> Organized by Organized by Elsevier Researcher Academy	May 11, 2022	Online	None

6	"Waldenstrom Macroglobinemia" Organized by Mumbai Hematology Group	July 16, 2022	Online	None
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RESEARCH SUPERVISION

S.No.	Name	Degree	Position	Title	Year	Dept.
1	Ms. Zahra Batool	BS (Hons) Zoology	Co-Supervisor	Studies on Certain Blood Biomarkers of Cholistani Cattle During Various Stages of Pregnancy	2014	Life Sciences, IUB
2	Ms. Zobia Parveen	BS (Hons) Zoology	Co-Supervisor	Assessment of Anemia in Students of IUB through Manual Hematological Parameters	2017	Life Sciences, IUB
3	Ms. Rabia Hameed	BS (Hons) Zoology	Co-Supervisor	Sex Determination by Barr Body of Neutrophils in Humans and Dogs	2017	Life Sciences, IUB
4	Ammara Arshad	BS (Hons) Zoology	Co-Supervisor	Sex Determination by Barr Body of Neutrophils in Cattle and Buffalo	2017	Life Sciences, IUB
5	Abrar Hussain	MS Biotechnology	Supervisor	Failure in Passive Transfer in Cholistani Calves	2018	Virtual
6	Amir Nazir	MS Biotechnology	Supervisor	Biomarkers of Pregnant Cholistani Cattle	2018	Virtual
7	Madiha Sharif	MS Zoology	Co-Supervisor	Effect of M. Oleifera on Apparently Healthy Rabbit Does	2019	Zoology, IUB
8	Waseem Tasleem	MS Zoology	Co-Supervisor	Effect of M. Oleifera on certain Renal Function Test Enzymes of Apparently Healthy rabbit Does	2019	Zoology, IUB

9	Ms. Sadia Parveen	PhD Zoology	Co-Supervisor	Monitoring of Progesterone and Esterone Fecal Metabolites Throughout Gestation in Zoo Animals	2019	Zoology, IUB
10	Muhammad Shehbaz	PhD Zoology	Co-Supervisor	Validating Various Hematological Indices of Cholistani Livestock	2020	Zoology, IUB
11	Azka Kiran	BS Zoology	Co-Supervisor	Study on hemaostatic Attributes of Apparently Healthy Cholistani Camels	2021	Zoology, IUB
12	Huma Aslam	MS Zoology	Co-Supervisor	Validation of Hematological Parameters for Different Animals	2021	Zoology, IUB
13	Zainab Aziz	MS Zoology	Co-Supervisor	Validation of Hematological Parameters for Different Animals	2021	Zoology, IUB
14	Maryam Chaudhary	BS Zoology	Co-Supervisor	Validation of Hemoglobin Estimation through Drabkin's and Sahli's Methods	2021	Zoology, IUB
15	Maheen Anjum	BS Zoology	Co-Supervisor	Correlation of Serum Color Index with Serum Bilirubin Concentration	2021	Zoology, IUB
16	Maryam Mazhar	BS Zoology	Co-Supervisor	Correlation of Serum Color Index with Serum Hemoglobin Concentration	2021	Zoology, IUB
17	Zobia Parveen	MPhil Physiology	Supervisor	Validation of correlation between RBC number through various techniques in Camels	2021	Physiology, IUB

18	Tallat Mehmood	MPhil Physiology	Supervisor	Validation of correlation between RBC number through various techniques in Cattle	2021	Physiology, IUB
19	Nouman Sajjad	MPhil Physiology	Supervisor	Validation of Serum/Plasma Color Indices for Health of Cholistani Camels	2021	Physiology, IUB

INVITED LECTURES/TRAININGS/SEMINARS

S. No.	Title	Venue & Dates	Reason of Attending	Funding Agency
1	<i>"Design and Plan of the Desert Safari"</i> 1-Day Consultancy Workshop Organized By Punjab Wildlife & Parks Department	Lal Suhanra National Park, Bahawalpur. March 15-20, 2007	Consultation Invited Lecture	None
2	<i>"15th Shaukat Khanum Cancer Symposium"</i> Organized by Shaukat Khanum Memorial Cancer Hospital & Research Centre, Lahore (SKMCH) and Continuing Medical Education of USA	PC Hotel, Lahore 11-13 Nov. 2016	Invited Lecture	SKMCH
3	<i>"Effects of Draught on Cholistani Lives and its Preparedness"</i> Organized by Directorate of Livestock, L&DD, Punjab, Bahawalpur	La Taska Hotel, Bahawalpur May 17th, 2017	Lecture on "Drought and Migratory Patterns of Cholistanis- An Introduction"	None
4	<i>"2-Days Workshop on Livestock Management & Marketing Practices"</i> Organized by FeedSol Pvt.	Sahiwal, 19-21 Feb. 2019	Invited Session Lecture on Body Condition Scoring	None
5	<i>"Leather Industry of Pakistan"</i> Organized by Directorate of Livestock, L&DD, Punjab, Bahawalpur	La Taska Hotel, Bahawalpur August 8 th ,	Invited Session Lecture	None

		2019		
6	“World Rabies Day” Organized by Directorate of Livestock, L&DD, Punjab, Bahawalpur and Ghazi Brothers Pharma, Lahore	Grand Regency Hotel, Bahawalpur. 28 th of September, 2019	Invited Session Lecture	None
7	“Survey-Based Research- Devising a Questionnaire/Form by Google Forms” Organized by IUB Publication Society, IUB	Online, 6 July, 2020	Invited Lecture on Hands-on Training in Survey Designing	None
8	“Series of Workshops on Science Writing” Organized by IUB Publication Society, IUB	IUB, January 6-7, 2020	Invited Series of Lectures on Science Writing	None
9	“Estimating the Global Burden” Organized by International Veterinary students Association and Global Alliance for Rabies Control	IVSA, Online 28 Sept 2020	Invited Lecture on Rabies	None
10	“Emphasizing Veterinary Mental Health” Organized by International Veterinary Students Association and Global Alliance for Rabies Control	IVSA, Online, 10 Oct 2020	Invited Lecture on Mental Health	None
11	“What & Why of Literature Review” Organized by IUB Publication Society, IUB	IUB, Online, 3 April, 2021	Invited Lecture	None
12	“Conducting an Effective Review of Literature” Organized by IUB Publication Society, IUB	IUB, Online, 16 October, 2021	Invited Lecture	None

REFERENCES (UPDATED AUGUST, 2022)

- **Prof. Dr. Nasim Ahmad**, Vice Chancellor, University of Veterinary & Animal Sciences, Lahore, Pakistan. +92 0300 4800650; nasimahmad@uvas.edu.pk
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