

CURRICULUM VITAE



Name: Professor Dr. Muhammad Mazhar Ayaz

Colistan University of Veterinary and Animal Sciences, (CUVAS) Bahawalpur, Pakistan
Chairman, Department of Parasitology,

Acting Vice Chancellor, CUVAS,

Currently Dean, Faculty of Veterinary Science (03-03-2023 to 02-03-2026)

Currently Pro-Vice Chancellor, CUVAS (15-05-2023 to 14-05-2026)

Member Syndicate (2023-2026)

Ex-Vice Chancellor since 25-01-2024 to 21-4-2026 (2 yrs 3 months)

Fathers Name: Haji Mir Hazar Khan

Date of Birth: 09-10-1970

Residential Address: 21-Park Lane, Khan Village, Gulgasht, Multan, Punjab, Pakistan

Email Address: Primary: mmazharayaz@cuvas.edu.pk

Secondary: ayaz_phd@yahoo.com /

Web Page: <http://cuvas.edu.pk/Faculties/FVS/paracitology/faculty/mazharayaz.php>
www.ayazvet.20m.com

Nationality: Pakistani

Language Skill: English, Urdu, Punjabi & Siraki

Area of Interest: Medical & Veterinary Parasitology, Entomology, Immuno-Parasitology, Protozoology, Vector Borne Diseases, Epidemiology, Parasitic Zoonosis, Helminths and Parasitic Chemotherapy

Impact Factor: 80.502

Web of Science/Thompson Reuters Researche <https://scholar.google.com/citations?user=ISufCAAAAJ&hl=en>

ID: F-5815-2014, <https://orcid.org/> 0000-0002-7301-7386,

<https://www.researchgate.net/profile/Muhammad-Mazhar-Ayaz>

Scopus ID: 55631801000, <https://scholar.google.co.uk/citations?hl=th&pli=1&user=ISufCpEAAAAJ>:

Mazhar Ayaz, h index:27, i10 Index: 68

Editorial Board Member PLOS ONE Journal Impact Factor: 3.752

Membership

1	PVMC Life Member	RVMP/753
2	PVMC Faculty Registration	RVMF/0023

ACADEMIC RECORD

Certificate/ Degree	Year of Passing	Institution	Total Marks	Obtained	%	Div. CGPA	Major Subjects
S.S.C	1986	Govt.Comp. High School, D.G.Khan	850	690	81.17	Ist	Science
H.S.S.C	1988	Govt.College D.G.Khan	1100	692	62.90	Ist	Pre-Medical
D.V.M	1993	College of Veterinary Science, Lahore	3860	2561	66.34	3.06/4.00	Medicine, Reproduction, Microbiology, Parasitology
M.Sc(Hons)	1995	CVS, Lahore	820	661	80.60	3.88/4.00	Medicine & Surgery.
PhD	2003	University of Agriculture Faisalabad					Advanced immunology, Cell&tissue cultures tech., Biotechnology in parasitic infestation

							Tech.
AMBO Course	2002	RIKEN Inst. Saitama, Japan					PCR, Gas Chromatography. Blotting Tec h. Electrophoresis
International training workshop on standard diagnosis tech. of livestock hea lth Diseases in developing countries	2004	Lanzhou VRI, Lanzhou, China					ELISA for Foot & Mouth Disease. Tick Born Dis. Cysticercosis

Molecular Diagnosis of infectious disease of Livestock & Poultry.	6-8 th April, 2015	National Institute of Biotechnology and Genetic Engineering, Faisalabad, Pakistan					Molecular diagnostic techniques, LAMP technique, Real Time PCR
ParSco IV, Summer Residency Course	2015	University of Bari, Italy					Molecular techniques for vectors and arthropods borne diseases diagnosis
6th National Hands-On Training Workshop on Bioinformatics	1st-2nd February 2019,	Department of Biochemistry, University of Agriculture, Faisalabad					MEGA 6, BLAST, MUSCLE, GENBANK
4th International Workshop On X Ray Crystallography In Structural Biology	25 th -27 th February, 2020	The Islamia Materials Chemistry Laboratory, University of Bahawalpur					Single Crystal X-rays Diffractometer, Fluorescence Spectrophotometer, Protein Structure, Crystallography, Optical Microscopy, TGA/DSC

Advances in Bioinformatics	18 th -22 nd July, 2022	The University of Haripur, Haripur, Pakistan						Python, Metagenomics, NGS, Machine Learning, Artificial Intelligence, Data minning, Whole genome sequence, Annotation,
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Thesis: M. Sc. (Hons) 1993-1995: Studies on the Changes of Electrolytes and PCV in equine colic.

PhD 1999-2003: Development of Egg adapted vaccine (Local isolate)

against coccidiosis in Poultry

Postgraduate Students Supervised

Ph.D. Supervised/CoSupervised

1. Dr. Zaka Saeed (Session 2010-2015)

Topic: “Comparative study on prevalence and haemtochemical profiling of *Theileria annulata* from infected blood samples of southern Punjab cattle”.

2. Zafar Iqbal. Session (2013-2016). 2018.

Topic: “Environmental Impact of urban sewage disposal in water bodies and sewage irrigation”. GC University Faisalabad Reg.No.2013-GCUF-055057

3. Sana Iqbal. 2023-2026 Zoology. Diversity and Ecology of Aquatic Insects in irrigated canals of Panjnad Headworks, Punjab, Pakistan. Co-Supervision Dr Santosh Kumar

M. Phil student(s) supervised/ Co-Supervised

1. Mehboob Akbar. M.Phil. Parasitology (Session 2004-2006)

Topic: “Prevalence and Chemotherapy of warble fly infestation in Buffaloes in District Dera Ghazi Khan” Department of Parasitology, UVAS, Lahore

2. Muhammad Sabir (M.Phil. Biotechnology) (session 2010-2012)

Topic: “Epidemiological and hematological studies of bovine Tuberculosis in Cattle, Dera Ghazi Khan”.

3. Nasir Mahmood (M.Phil. Pathobiology) (Session 2014-2016)

Topic: “Sero-Epidemiological ELISA detection of Liver fluke in different goat breeds of Multan, Pakistan” Department of Pathobiology, FVS, BZU. Multan

4. Ms. Shumaila Iqbal (M.Phil. Zoology) (Session 2015-2017)

Topic: “Effect of Probiotics on growth and utilization of *Cirrhinus mrigala*”. Department of Zoology, IAPB, BZU, Multan

5. Ms. Nabahat Malik (M.Phil. Zoology) (session 2020-2022) Surveillance of Anti-Bacterial Resistance (AMR) in hospital sewage discharge in Bahawalpur City, Pakistan

6. Ms. Hafsa Khalid (M.Phil. Zoology) (session 2020-2022) Surveillance of Anti-Bacterial Resistance (AMR) in hospital sewage discharge in Muzaffar Garh City, Pakistan. 20-cuvas-0706
7. Ms. Anum Malik (M. Phil Zoology) (Virtual University ID: MS170401521) Molecular Characterization of canine Ehrlichiosis in stray dogs of district bahawalpur, Punjab, Pakistan.
8. Afsana Murtaza 23-CUVAS-0065 Pathology Member Investigation of Lead Induced cardiac and Spleen Toxicopathology and its Mitigation by Vitamin C and E and Moringa Oleifera.
9. Naimal Talib 2019-CU-MLT-042 Pathology Member Evaluation of Efficacy and Safety Parameters of Tungsten Oxide NanoParticles Coupled Antibiotics Against Multiple Drug Resistance Escherichia Coli.
10. Um E Rubab Zahra 2023-CUVAS-0061 Microbiology Member Determination of Surveillance of Swine Flu in tertiary Care Hospital BWP
11. Urwa Gill 2019-CU-micro-104 Microbiology Member Molecular Characterization of MultiDrug Resistant Yersinia enterocolitica and Evaluation of Mustard Oil Nanoemulsion as an Antimicrobial Agent.
12. Asad ur Rehman 23-CUVAS--0034 Microbiology Member Molecular Epidemiological Analysis of Chronic Kidney Disease Patients with Special Reference to Enterohemorrhagic E. Coli
13. Nabahat Malik 20-CUVAS-0681 Zoology Member Surveillance of Anti-Microbial Resistance (AMR) in Hospital Sewage Discharge in Bwp, city Pakistan.
14. Hafsa Khalid 20-CUVAS-0706 Zoology Member Surveillance of Anti-Microbial Resistance (AMR) in Hospital Sewage Discharge in Bwp, city Pakistan.

M.Sc (Hons)

Zafar Iqbal.2018. Roll No.BD563524

Topic: “Role of Livestock development in in rural women empowerment: A case Study of District Layyah” Rural development, Faculty of Agricultural Sciences, Allama Iqbal Open University, Islamabad

Development of New Course:

Developed new course in Parasitology, Cholistan University of Veterinary and Animal Sciences, Bahawalpur, Pakistan,

Course title	Degree Program	Collaboration with
Parasitic Diseases of Camel	M. Phil Parasitology, 2 nd semester	Bui-Ali Sina University, Hamadan, Iran

Development of Andriod Application for Livestock Farmers:

Development of an application developed for livestock farmers;
<http://play.google.com/store/apps/details?id=com.rit.animaldiseasesalerts>

Editor / Co-Editor / Reviewer of Journals & News Letters:

1. PLOSONE
2. International Journal of Dermatology - Wiley Online Library, Impact Factor: 1.56, OnlineISSN: 1365-4632
3. The American Journal of Tropical Medicine and Hygiene, Impact Factor: 2.453, ISSN:0002-9637
4. Australian Veterinary Journal, Impact Factor: 0.699, ISI Journal Citation Reports ©Ranking: 2015: 87/138 (Veterinary Sciences) Online ISSN: 1751-0813
5. Australian Veterinary Practitioner ISSN: 2308-2798 Impact Factor: 0.18
6. Australian Equine Veterinarian ISSN: 1834-1349
7. Editor of Journal of Tuberculosis and Therapeutics, USA (Open Access)
8. Editorial Board of “Farmer Reformer” ISSN 2519-7835,<http://www.farmerreformer.com/editorial-board/>
9. Reviewer Punjab University J of Zoology
10. Reviewer for American Journal of Medical and Biological Research, Science and Education Publishing Co. ISSN (Print): 2328-4080; (Online): 2328-4099
11. Journals published under public science Framework (PSF)
12. International Journal of Animal Biology ISSN: 2381-7658 (Print) ISSN: 2381-7666(Online)
13. Bioscience and Bioengineering ISSN: 2381-7690; 2381-7704.
14. Journal of Sleep Disorders and Therapy ISSN: 2167-0277
15. Journal of Orthopedic Surgery and Rehabilitation
16. Annals of Medical and Health Sciences Research
17. Biomedical Journals
18. JAPS, Pakistan Impact Factor:
19. Onderstepoort Journal of Veterinary Research
20. Translational Biomedicine Journal Scopus indexed with H-Index:2 ISSN: 2172-0479
21. News Letter: Faculty of Veterinary Sciences, BZU, Multan for 2013 Volume3, No.3
22. News Letter: Faculty of Veterinary Sciences, BZU, Multan for 2014 Volume4, No.1

PATENTS “Sand Fly Trap” patent filled to IPO (Intellectual Property Organization) Pakistan, Govt. of Pakistan. Receipt No. 41100, No. 378/2014 dated 16-5-2014. Inventors: M. Mazhar Ayaz, et al;

TRAVEL GRANTS

S.No	Travel Grant for the Purpose	Travel Grant issuing Authority	Grant Reference	Amount
1.	To attend 12 th International Goat Conference at Turkey	HEC, Islamabad, Pakistan	No.252.104/TRG/R&D/2016/19437 Dated 1 st August, 2016	Rs.201,760/-
3.	To attend 65 th Entomological Conference, Colorado, USA	HEC, Islamabad, Pakistan	No.277.27/TRG/R&D/2017 Dated 6 st Oct, 2017	Rs.313,054/-
4.	“17th International Congress on Infectious Diseases” at Hydrabad, India on March 2-5, 2016	Recipient of “Scientific Engagement Grant”		\$1300 USD

INVITED SPEAKER:

1. International Symposium on Respiratory Diseases and ATS. Shanghai, China on November 7-9, 2014.
2. Guest speaker for “**Kissan Mela**” on Development Finance for Non-Farmer sector of Agriculture dated December 23, 2016 at MANSUA, Multan
3. 9th International Sheep Congress, 22nd May -26th May, 2017. Harrogate, UK
4. PARACON-19, UVAS, Lahore November 7, 2019
5. 2nd International Pharmacy Conference & Exhibition, Department of Pharmacy, Islamia University, 20 February-21 February 2020, Bahawalpur, Pakistan
6. One day awareness Seminar on “Corona virus outbreak” in the Department of Zoology, 10th March, 2020. The Government Sadiq College for Women University, Bahawalpur

Chief Guest/ Guest of Honor

1. International Conference on Animal Production and Biosafety-24 at Shaheed Benazir Bhutto University of Veterinary and Animal Sciences Sakrand from February 22-23, 2024
2. International conference on collaborative strategies of Higher Education Institutions and

Industry

RESEARCH PAPERS

AUTHOR

2026

147. Sardar Ali, Firasat Hussain, Asad Ur Rehman, Faisal Siddique, **Muhammad Mazhar Ayaz**, Khaled S. Allemailem, Nada A. Alzunaidy, Muhammad Nadeem Khan, Albatul Alharbi & Majid Khan. 2026. Antimicrobial resistance, Shiga toxin gene detection, and in silico analysis of Escherichia coli isolated from chronic kidney disease patients in Pakistan. **Sci Rep** (2026). <https://doi.org/10.1038/s41598-026-64459-y>. **Impact Factor:4.9**
146. Mostafa A. Abdel-Maksoud, Abdulaziz Alamri, Aljawharah Fahad, Salman Alrokayan, Mohammed Aufy, Bushra Hafeez Kiani, Hanyong Zhang, **Muhammad Mazhar Ayaz**, Yasir Hameed & Saeedah Almutairi Cadherin-mediated cell adhesion networks drive tumor growth and therapeutic responses in head and neck cancer. **World J Surg Onc** (2026). <https://doi.org/10.1186/s12957-026-04427-y> published 08 July 2026. © 2026 Springer Nature
145. Yasir Hameed, Mazhar Ayaz.2026. Upregulation of PHLDA Genes Drives Malignancy and Therapeutic Resistance in Head and Neck Cancer. Cytotechnology. Springer Nature. Electronic ISSN1573-0778, Print ISSN0920-9069 **I.F.1.7 Q4**
144. Sumaira Kanwal, Shazia Perveen, Imran Haider, Sana Javaid, Rabia Sadiq, Farwa Malik, Muhammad Mazhar Ayaz, Hesham Hassanie.2026. Protective Effects of 2-(Thiophen-2-yl)-2,3-Dihydrobenzothiazole Against Rotenone-Induced Multi-Organ Toxicity in Sprague–Dawley Rats. Journal of Applied Toxicology. <https://doi.org/10.1002/jat.70143>.I.F.2.8. First Published: John Wiley & Sons Publisher. 8 March 2026. **I.F.2.8. Q2**
143. Suleman, Mirza Muhammad and Ayaz, Muhammad Mazhar and Aziz, Mubashir and Sheikh, Ahsan Sattar and Chiang, Ming-Hsien, In Silico Design and Immunoinformatic Evaluation of a Multi-Epitope Vaccine Targeting the TcdE Protein of Clostridioides Difficile (January 06, 2026). Available at SSRN: <https://ssrn.com/abstract=6035614> or <http://dx.doi.org/10.2139/ssrn.6035614>

142. Kousar S, Perveen S, Kanwal S, Ayaz M, Fatima M and Musaddiq S, 2025. Dual therapeutic potential of 2-(2-nitrophenyl)-1,3-thiazolidine-4-carboxylic acid via hepatoprotection and iron regulation in rotenone induced sprague dawley male rats. Pak Vet J. <http://dx.doi.org/10.29261/pakvetj/2025.304>: **IF:5.4**
141. Mumtaz Hussain, Mehreen Ishfaq, Syeda Amber Hameed, Afshan Syed Abbas, Mujeeb ur Rehman Bhanbhro, Qurat ul Ain, Mostafa A. Abdel-Maksoud, Abdulaziz Alamri, Saeedah Almutairi, Taghreed N. Almanaa, **Muhammad Mazhar Ayaz** & Yasir Hameed. Multi-omics analysis reveals PIAS family gene dysregulation as a driver of head and neck squamous cell carcinoma (HNSC) progression and therapeutic vulnerability. Discov Onc (2025). <https://doi.org/10.1007/s12672-025-04100-y> **IF:3**
140. Ihtesham Arshad, Maryum Zainab, Ayesha Farooq, Saira Zulfiqar, Anna Ali, Rubina Bibi, Shaista Shafiq, Imran Zafar, **Muhammad Mazhar Ayaz**, Yahya A. Almutawif, Najeeb Ullah Khan. 2025. In Silico and In Vitro Analysis of Bioactive Compounds from Ficus benghalensis as a Novel Approach to Targeting Brain Abscess Pathogen. Cell Biochemistry and Biophysics. <https://doi.org/10.1007/s12013-025-01823-1>. **Journal Impact Factor: 2.5 (2024)**
139. Muhammad Safdar, Yasmeen Junejo, Muhammad Tariq, **Muhammad Mazhar Ayaz**, Safdar Imran, Armughan Ahmed Wadood, Mohammad Abul Farah. 2025. Phytoestrogens Modulate Bovine G Protein-Coupled Receptors and Play a Critical Role in Regulating Reproductive Functions in Animals. 21 March 2025. Reproduction in Domestic Animals;60: e, <https://doi.org/10.1111/rda.70033> <https://doi.org/10.1111/rda.70033> 1 of 15. **I.F. 1.6**
138. Syed Qaswar Ali Shah, Khalid Mahmood, Muhammad Imran Rashid, Huma Naz, Muhammad Luqman Sohail, Omer Naseer, Sikandar Ali, Shafqat Shabir, Muhammad Adeel Hassan, **Muhammad Mazhar Ayaz**, Adeel Munawar, Abdullah Saghir Ahmad. 2025. Prevalence, Morphological and Molecular characterization of Lernaey cyprinacea isolated from major carps of Southern Punjab, Pakistan. ISSN: 0253-8318 (PRINT), 2074-7764 (ONLINE) DOI: 10.29261/pakvetj/2024.308. **I.F.3.8**
137. Chen Hong · Imran Zafar · **Muhammad Mazhar Ayaz** · Rimsha Kanwal · Faheem Kanwal · Musaab Daulbait · Mohammed Bourhia · Yousef A. Bin Jordan. Analysis of Machine Learning Algorithms for Real-Time Gallbladder Stone Identification from Ultrasound Images in Clinical Decision Support Systems. 2025. Electronic ISSN.1875-6883, Int J Comput Intell Syst 18:73. **I.F.2.5**

136. Imran Zafar, Rabia Rasool, Tanzeela Kausar, **Muhammad Mazhar Ayaz**, Hunza Fatima, Waseem Shoukat & Qurat ul Ain. 2025. Intervening with Fish Genetics and Breeding Programs to End Hunger and Achieve Food Security and Nutrition. A Global Perspective, Food Security, Nutrition and Sustainability Through Aquaculture Technologies, Editors: Jitendra Kumar Sundaray, Mohd Ashraf Rather, Ishtiyak Ahmad, Adnan Amin, Chapter, First Online: 01 January 2025, Springer, Cham. https://doi.org/10.1007/978-3-031-75830-0_8, Springer Nature: pp 129–172.

2024

135. Mehmood F, Dastgir S, Ayaz MM, Naz M, Mujahid U, Ghaffar MJ and Naseem L, 2024. Understanding and managing emerging and re-emerging viral diseases of animals. In: Asad M, Hussain R, Toor SI, Mughal MAS and Ahmad M (eds), Complementary and Alternative Medicine: Non-Conventional Therapies. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 59-67. <https://doi.org/10.47278/book.CAM/2024.149>
134. Iqra Akram, Sobia Shaheen, **Muhammad Mazhar Ayaz**, Unza Mumtaz, Irum Asghar, Ayesha Iqbal, Javaria Rao. 2024. Chapter 3: Role of Nutraceuticals in Veterinary Medicine, Edited by Asif Raza, M. Watanabe, S Sugiharto. PP: 475-508. ISBN: (e)Book: 978-627-94503-6-4. <http://doi:10.5281/zenodo.13739806>, pp:27-39
133. Abdul Rehman, **Muhammad Mazhar Ayaz**, Momina Malik, Umair Nadeem, Salma Bibi, Muhammad Abdullah, Tanveer Nasir, Tariq Abbas, Umair Younas, Muhammad Safdar. 2024. Foot And Mouth Disease (FMD) In Livestock, Animal Production and Health, Editor: Dr. Muhammed Safdar. 2024. Animal Production and Health, Published by ISRES Publishing, International Society for Research in Education and Science. ISBN, 978-625-6959-64-4. Date of Issue: October / 2024, Address: Askan Mah. Akinbey Sok. No:5/A Meram/Konya/Türkiye. pp:240-258
132. Muhammad Safdar, Tanveer Nasir, **Muhammad Mazhar Ayaz**, Abdul Rehman, Tariq Abbas, Yasmeen Junejo, Safdar Imran, Mehmet Ozaslan. 2024. Impact of Prebiotics, Probiotics, Nutraceuticals, Green Nanoparticles and Nano-Emulsions on Animal Health. Animal Production and Health, Editor: Dr. Muhammed Safdar. 2024. Animal Production and Health, Published by ISRES Publishing, International Society for Research in Education and Science. ISBN, 978-625-6959-64-4. Date of Issue: October / 2024, Address: Askan Mah. Akinbey Sok. No:5/A Meram/Konya/Türkiye. pp:300-318
131. U. Younas, M. **M. Ayaz**, F. Hassan, M.Z. Farooq, A. Fatima, G. Jilani, Z. Ahsan. 2024. Greenhouse

Gasses Emission and Climate Change. Animal Production and Health, Editor: Dr. Muhammed Safdar.2024. Animal Production and Health, Published by ISRES Publishing, International Society for Research in Education and Science. ISBN, 978-625-6959-64-4. Date of Issue: October / 2024, Address: Askan Mah. Akinbey Sok. No:5/A Meram/Konya/Türkiye, pp:150-159,

130. Javed A, S Shaheen, **MM Ayaz**, H Fatima, M Rafiq, MY Waqas, AI Aqib, SH Munawar, Z Manzoor, Muhammad Farrukh Nisar. 2024. Chapter 22; Pharmacokinetics sand Pharmacodynamics in nanoparticle drug delivery in animals. Veterinary Medicine Enhancing Animal Health and Well Being. Edited by Asif Raza, M. Watanabe, S Sugiharto. PP: 475-508. ISBN: (e)Book: 978-627-94503-6-4. <http://doi:10.5281/zenodo.13739806>, pp:496-529
129. Shaheen S, A Javed, MY Waqas, **MM Ayaz**, H Fatima, SH Munawar, AI Aqib, Z Manzoor, M Arfan, M Rafiq, Muhammad Farrukh Nisar. 2024. Chapter 23; Safety and Toxicological Considerations of Nanoparticles in Veterinary Practice. Veterinary Medicine Enhancing Animal Health And Well Being. Edited by Asif Raza, M. Watanabe, S Sugiharto. PP: 509-539. ISBN: (e)Book: 978-627-94503-6-4. <http://doi:10.5281/zenodo.13739806>,pp:530-559
128. Muhammad Rizwan, Muhammad Rafiq, Muhammad Yasir Waqas, Kamal Niaz, Muhammad Farrukh Nisar, Shaukat Hussain Munawar, Zahid Manzoor, Mazhar Ayaz, Muhammad FarrukhNisar, Muhammad YasirWaqas..2024.Investigating the anti-diabetic, anti-depressant and anti-anxiety effect of euphorbia prostrata in alloxan monohydrate induced mice.2024. <https://doi.org/10.21203/rs.3.rs-3913364/v1>
127. Farzana Iftikhar, Shazia Perveen, Sumaira Kanwal, Iram Qadeer, Muhammad Mazhar Ayaz.2024.Effect Of Administration of Solanum Nigrum Fruit Extract on Kidney, Liver, Lungs and Heart of Parkinson's Disease Rat Model.2024. Vol.31 No. 7 (2024) Journal of Population Therapeutics & Clinical Pharmacology (JPTCP) (268-273)
126. Fatima M, Munawar SH, Manzoor Z, Waqas Y, Rafiq M, Aqib AI, Malik U, **Ayaz MM**, Munir MM and Khan Z, 2024. Methicillin-Resistant S. aureus: an overlooked threat to livestock production. In: Asad M, Hussain R, Toor SI, Mughal MAS and Ahmad M (eds), Complementary and Alternative Medicine: Non-Conventional Therapies. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 107-115. <https://doi.org/10.47278/book.CAM/2024.160>

2023

125. Yan L, Li Y, Li R, Liu M, He X, Yang X, Cho WC, **Ayaz M**, Kandil OM, Yang Y, Song H &

- Zheng Y. 2023.Comparative characterization of microRNA-71 of Echinococcus granulosus exosomes. Parasite 30, 55(4). **Impact Factor: 3.00**
124. Yasir Arfat, Imran Zafar, Sheikh Arslan Sehgal, **Mazhar Ayaz**, Muhammad Sajid, Jamal Muhammad Khan, Muhammad Ahsan, Mohd Ashraf Rather, Azmat Ali Khan, Jamilah M. Alshehri, Shopnil Akash, Eugenie Nepovimova, Kamil Kuca, Rohit Sharma, 2023. *In silico* designing of multiepitope-based-peptide (MBP) vaccine against MAPK protein express for Alzheimer's disease in Zebrafish. *HELIYON* (2023), doi: <https://doi.org/10.1016/j.heliyon.2023.e22204>.**Impact Factor:4.00**
123. Yating Li, Lujun Yan, Duo jie Ci, Rui Li, Wan jing Li, Tianqi Xia, Hengzhi Shi, **Mazhar Ayaz**, Yadong Zheng, Pu Wang, 2023. Analysis of sheep peripheral blood mononuclear cells in response to Echinococcus granulosus microRNA-71 overexpression, Molecular and Biochemical Parasitology, Volume 254, 2023, 111556, ISSN 0166-6851, <https://doi.org/10.1016/j.molbiopara.2023.111556>. Impact Factor: **1.759**

2022

122. Ali S, yousaf MY, **Ayaz MM**, Jalees MM, Sultan R. Screening of Spike (S) and nsp1 protein of COVID-19 in General population by using Reverse Transcriptase Loop-Mediated Isothermal Amplification (RT-LAMP) Assay. doi:10.21203/rs.3.rs-1715695/v1. PPR: PPR516071.
121. Hussain K, Rana MAT, Abbas A, Khan JA, Rehman A, Yasin R, Samiullah K, Ahmad B, Haider A, **Ayaz, M**, Zaib W, Waqas MU and Raza MA, 2022. Babesiosis- a threat to livestock and companion animals. In: Abbas RZ, Khan A, Liu P and Saleemi MK (eds), Animal Health Perspectives, Unique Scientific Publishers, Faisalabad, Pakistan, Vol. I, pp: 122-127.<https://doi.org/10.47278/book.ahp/2022.16>
120. Asghar Abbas, Zurisha Rani, Rao Zahid Abbas, Kashif Hussain, Faisal Siddiqui, Atif Rehman, Baseer Ahmad, Muhammad Asif Raza, Junaid Ali Khan, Riffat Yasin, Shahid Ali Rajput, Waqar Zaib, Tauseef ur Rehman, **Muhammad Mazhar Ayaz** and Hafeezur Rehman Ali Khera. 2022. Botanical Control of Poultry Coccidiosis. Abbas RZ, Khan A, Liu P and Saleemi MK (eds), Animal Health Perspectives, Unique Scientific Publishers, Faisalabad, Pakistan, Vol. I, pp: 247-252. <https://doi.org/10.47278/book.ahp/2022.33>
119. J. M. Khan, M.F. Tahir, M. F. Qamar, S. Naz, M. Rauf, R. Noreen, **M. M. Ayaz**, M. Khan, M. Ahmad, U. Khurshid, S. Saeed, M. J. Iqbal, Q. U. A. Younas and Y. Hameed. Mutations in the bone morphogenetic protein 15 gene causing defective protein secretion

in Cholistani infertile sheep. *Brazilian Journal of Biology*, 2024, vol. 84, e256923 | <https://doi.org/10.1590/1519-6984.256923>

118. He, X.; Zhang, J.; Sun, Y.; Lan, T.; Guo, X.; Wang, X.; Kandil, O.M.; **Ayaz, M.**; Luo, X.; Song, H.; et al. Characterization of Fructose-1,6-Bisphosphate Aldolase 1 of *Echinococcus multilocularis*. *Vet. Sci.* 2022, 9, 4. <https://doi.org/10.3390/vetsci9010004>**2021 I.F.1.672**

2021

117. Muhammad Adeel Hassan Muhammad Adeel Hassan Alireza Sazmand Alireza Sazmand Abdullah Saghir Ahmad, **Muhammad Mazhar Ayaz**. 2021. Parasitic Zoonoses and Camel: In book: Veterinary Pathobiology and Public Health Publisher: Unique Scientific Publishers, Faisalabad, Pakistan [10.47278/book.vpph/2021.002](https://doi.org/10.47278/book.vpph/2021.002)
116. **Mazhar Ayaz** and Kashif Raheem .2021. Diagnostic Techniques and Histopathology of Various Diseases: book: Coronavirus Disease-19 (COVID-19): A Perspective of New Scenario (Volume 2) Coronavirus Disease-19 (COVID19): Different Models and Treatment Strategies Publisher: Bentham Science Publishers Ltd. Executive Suite Y - 2 PO Box 7917, Saif Zone Sharjah, U.A.E
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2. 2002. International conference on the molecular biology and technology of ciliates and anaerobic protozoa in Nijmegen, The Netherlands.
3. 2002. International conference on Hypodermosis in central Asia, Lanzhou, China.
4. 2003. 11th European poultry conference, Bremen, Germany.
5. 2004. 1st ASEAN congress of Parasitology and tropical medicine and 40th annual

- seminar of MSPTM, Kuala Lumpur, Malaysia.
6. 2004. International conference on biodiversity and Natural products, New Dehli, India.
 7. 2004. Centre for animal ecology and conservation biology, Institute of zoology, Haidian, Beijing, China.
 8. 2004. 5th World congress of Veterinary Dermatology, Vienna, Austria, August 25-28.
 9. 2009. 6th Asian Buffalo congress, October 27-30, Lahore, Pakistan.
 10. 2010. 30th Pakistan congress of Zoology, March 2-4, Faisalabad, Pakistan.
 11. 2010. National conference on the strategies to improve red meat production in Pakistan. 13th October, 2010. Faculty of Vet. Sci. Bahauddin Zakariya University, Multan, Pakistan
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 13. Int. work shop on Dairy Science Park, No 2-23, 2011.
 14. WASET conference at Dubai, UAE: ICECECE 2012
 15. 34th Pakistan Congress of Zoology (International), 25-27 February, 2014, Jinnah Auditorium, BZU, Multan
 16. 35th Pakistan Congress of Zoology (International), 1-4 March, 2015, Center of Marine Biology, University of Karachi, Karachi
 17. 36th Pakistan Congress of Zoology (International), February 16-18, 2016. University of Sindh, Jamshoro, Sindh, Pakistan.
 18. 12th International Goat Conference 2016, Antalya, Turkey, 24 September 2016 -1st October, 2016.
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 20. 9th International Sheep Congress, 22nd May -26th May, 2017. Harrogate, UK
 21. 1st International Conference on Biotechnology (ICB): Challenges and opportunities in Pakistan. October 11-12, 2017, Faculty of Basic Sciences & ORIC Lahore Garrison University, Lahore
 22. 65th Entomology Conference, November 5-8, 2017 at the Denver Convention Center in Denver, Colorado, USA.

23. 38th Pakistan Congress of Zoology (International), February 27-March1, 2018.
University of the Punjab, Lahore, Pakistan.
24. 2nd International Pharmacy Conference & Exhibition, Department of Pharmacy,
Islamia University, 20 February-21 February 2020, Bahawalpur, Pakistan

MEMBER INTERNATIONAL CONFERENCE COMMITTEE

1. ICE 2015:17th International Conference on Entomology, December 3-4, 2015,
Penang, Malaysia
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University of Agriculture, Faisalabad, April, 2002.
- © 2004. 1st ASEAN countries congress of Parasitology and tropical medicine and 40th
annual seminar of MSPTM, Kuala Lumpur, Malaysia. March 2004.
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of Sindh, Jamshoro, Sindh, Pakistan.
- © 12th International Goat Conference 2016, Antalya, Turkey, 24 September 2016 -1st
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- © 2nd International Conference on Zoonoses-2016, October 20-21, 2016, Faculty of
Veterinary Sciences, BZU, Multan
- © 1st National Conference on Emerging Trends and Challenges in Social Sciences, 15th-16th
November, 2016, Department of Sociology, BZU, Multan

- © Kissan Mela on Development Finance for Non Farmer sector of Agriculture dated December 23, 2016 at MANSUA, Multan
- © 37th Pakistan Congress of Zoology (International), February 28-March 02, 2017. Government College University Faisalabad, Pakistan.
- © Seminar on Strengthening Production and Marketing of Goats in Pakistan. 1st March 2017, University of Agriculture, Faisalabad.
- © 14th Annual Conference of Medical Microbiology & Infectious Diseases Society of Pakistan on „One World One Health” March 10-11, 2017 at Nishtar Medical College & Hospital, Multan
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- 2nd International Pharmacy Conference & Exhibition, Department of Pharmacy, Islamia University, 20 February-21 February 2020, Bahawalpur, Pakistan

PARTICIPATIONS/ ATTENDED

1998

- International seminar on Microbial Diseases of Livestock & Poultry, College of Veterinary Sciences, Lahore Pakistan, 21st March 1998.

2002

- Seminar on Buffalo production in Asia, Buffalo International Centre, Kasetsart Uni. Bangkok, Thailand. 13-15, March 2002.
- AMBO Course in RIKEN Institute, Saitama, Japan, March 2002.
- National conference on factors limiting dairy production in Pakistan. April 8-9, 2002.
- Regional seminar on prevalent and newly emerging poultry diseases. Uni. Agri. Faisalabad, April, 15-16, 2002.

2004

- 1st ASEAN countries congress on Tropical Parasitology, Kuala Lumpur,

Malaysia. 21-24 March 2004.

■ Collection of blood samples, one day training workshop at Livestock Training Center under FAO, Bhadur Nagar, Okara .27 May 2004.

■ International Training workshop on standard Diagnosis techniques of Livestock Health Diseases in developing countries. Lanzhou Veterinary Research Institute, Lanzhou, China. 12-18 September, 2004.

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■ 2010. 30th Pakistan congress of Zoology, March 2-4, Faisalabad, Pakistan.

◆ 2010. National conference on the strategies to improve red meat production in Pakistan. 13th October, 2010. Faculty of Vet. Sci. Bahauddin Zakariya University, Multan, Pakistan.

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◆ National Seminar and Workshop on Environmental Toxicology and Health. March 8-9, 2011. Department of Pharmacology and Toxicology, University of Veterinary & Animal Sciences, Lahore, Pakistan.

◆ National Training Course on Food Safety Management System ISO 22000:2005 for Auditors/ Lead Auditors, 28th - 30th March 2011 at Multan.

2012

◆ WASET conference at Dubai, UAE: ICECECE 2012

2014

◆ 34th Pakistan Congress of Zoology (International), 25-27 February, 2014, Jinnah Auditorium, BZU, Multan

◆ One day seminar “ Trans boundary Animal Diseases in Pakistan” Organized by FAO on April, 29th 2014 at IMS Hall, BZU, Multan

◆ 1st International conference on Zoonoses, 16-17 October, 2014. Organized by Faculty of Veterinary Sciences, BZU, Multan, Pakistan.

◆ One day work shop on” Developing Industrial Technologies” organized by ORIC, IRP and PASTIC Pakistan. 23rd October, 2014, at Auditorium of Biotechnology, BZU, Multan, Pakistan

◆ On day workshop “Biosafety in Pakistan Challenges and solutions” Organized by Department of Food Sciences and American Society of Microbiology (ASM), 24th November, 2014., IMS Hall, BZU, Multan, Pakistan.

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- ◆ 35th Pakistan Congress of Zoology (International), 1-4 March, 2015, Center of Marine Biology, University of Karachi, Karachi
- ◆ Molecular Diagnosis of infectious disease of Livestock & Poultry. 6-8 April, 2015. National Institute of Biotechnology and Genetic Engineering, Faisalabad, Pakistan
- ◆ IV Paracour Summer Residency Course at University of Bari, Italy from 5th September, 2015 to 12th September, 2015, awarded by European College of Veterinary Parasitology (ECVP) Belgium
- ◆ 6th Annual Public Health Conference “Fragile health system: issues and challenges in Pakistan-harnessing opportunities” December 11-12, 2015. Health Services Academy, Park Road, Chack shahzad, Islamabad, Pakistan

2016

- ◆ 36th Pakistan Congress of Zoology (International), 16-18 February, 2016. University of Sindh, Jamshoro, Pakistan
- ◆ International Livestock and, Dairy and poultry Congress-2016, March 16-17, 2016, Expo Center, Johar town, Lahore, Pakistan
- ◆ Two days International Conference on Malnutrition, Bahauddin Zakariya University, Multan, April 7-8, 2016
- ◆ 12th International Goat Conference 2016, Antalya, Turkey, 24 September 2016 -1st October, 2016
- ◆ 2nd International Conference on Zoonoses, 20-21 October, 2016, Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan
- ◆ 1st National Conference on Emerging Trends and Challenges in Social Sciences, 15-16 November, 2016, Department of Sociology, BZU, Multan
- ◆ Kissan Mela on Development Finance for Non-Farmer sector of Agriculture dated December 23, 2016 at MANSUA, Multan

2017

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- ◆ Seminar on Strengthening Production and Marketing of Goats in Pakistan. 1st March 2017, University of Agriculture, Faisalabad.
- ◆ 3rd International Conference on Safe Food for All & Food Expo, March 2-3, 2017,

Institute of Food Science and Nutrition, BZU, Multan

- ◆ 14th Annual Conference of Medical Microbiology & Infectious Diseases Society of Pakistan on „One World One Health” March 10-11, 2017 at Nishtar Medical College & Hospital, Multan
- ◆ 9th International Sheep Congress, 22nd May -26th May, 2017. Harrogate, UK
- ◆ 1st International Conference on Biotechnology (ICB): Challenges and opportunities in Pakistan. October 11-12, 2017, Faculty of Basic Sciences & ORIC Lahore Garrison University, Lahore
- ◆ 65th Entomology Conference, November 5-8, 2017 at the Denver Convention Center in Denver, Colorado, USA.
- ◆ 11th International Biennial Conference of Pakistan Society for Microbiology, Applied Microbial Genomics in Public health, Food, Pharma and Agriculture. 18-20 December, 2017, Institute of Food Science and Nutrition, BZU, Multan
- ◆ 11th International Biennial Conference of Pakistan Society for Microbiology, Applied Microbial Genomics in Public health, Food, Pharma and Agriculture. Biosafety in Public Health Laboratories in the Eastern Mediterranean Region WHO-CHK Training Workshop, “Train the Trainer Course” 18-20 December, 2017, Institute of Food Science and Nutrition, BZU, Multan, BZU & Pakistan Society for Microbiology, Pakistan

2018

- ◆ 38th Pakistan Congress of Zoology (International), February 27-March 1, 2018. University of the Punjab, Lahore, Pakistan.
- ◆ International Pharmaceutical Conference, February 12-13, 2018, Department of Pharmaceutics, Bahauddin Zakariya University, Multan

2019

- ◆ 6th National Hands-On Training Workshop on Bioinformatics 1st-2nd February 2019, Department of Biochemistry, University of Agriculture, Faisalabad
- ◆ International Buffalo Congress, February 18-20, 2019 at PC Hotel, organized by University of Veterinary and Animal Sciences, Lahore, Pakistan
- ◆ 39th Pakistan Congress of Zoology (International), March 4-6, 2019, Islamia College University, Peshawar, Pakistan
- ◆ 1st International workshop on Biodiversity: Techniques and Tools, April 4-5, 2019,

CUVAS, Bahawalpur

- ◆ 1st International Conference on sustainable Agriculture: Food security under changing climate scenarios. 3-4 April, 2019. Ghazi University, Dera Ghazi Khan
- ◆ One day Hands on training workshop on “Application of statistical Package for social sciences (SPSS) in Research. 23 April, 2019
- ◆ 12th World Buffalo Congress, 18-20 September 2019, Istanbul, Turkey
- ◆ PARACON-19, 6-7 November, 2019, UVAS, Lahore
- ◆ One day international symposium on zoonotic diseases of camel, 7 November, 2019, CUVAS, Bahawalpur
- ◆ One day seminar on genomic applications of PCR, qPCR and NGS on 12th December, 2019

2020

- ◆ 2nd International Pharmacy Conference & Exhibition, Department of Pharmacy, Islamia University, 20 February-21 February 2020, Bahawalpur, Pakistan
- ◆ 4th International Workshop on X Ray Crystallography in Structural Biology 25th- 27th February, 2020, The Islamia Materials Chemistry Laboratory, University of Bahawalpur
- ◆ One day awareness Seminar on “Corona virus Out break” in the Department of Zoology, 10th March, 2020. The Government Sadiq College For Women University, Bahawalpur

2021

1. 08-01-2021 SPSR National webinar on “Impact of COVID 19 on Pharmaceutical Education and Research” Reg. No. SPSR/webinar/601
2. 19-01-2021 Webinar on Launching Ceremony of veterinary career guide. Organized by IVS, Multan Pakistan
3. 18-02-2021 Bovine Udder Health Symposium 3rd Annual, organized by Dept. of Veterinary Medicine, UVAS, Lahore
4. 08-06-2021 Webinar “World Food Safety Day” Topic: Food Security and Role of Livestock in Pakistan. Speaker: Prof. Dr. M. Sajjad Khan
5. 28-06-2021 APH Internal Symposium on “Sustainable Animal Production.
Link = <http://iaea.event.do/#!/?Ec=JZMTUM>
10th anniversary of Rinder Pest Eradication and maintaining Global Freedom
6. 28-06-2021: International Symposium on sustainable Animal Production and Health-Current status way forward, Virtual by IAEA reference: CN-281; EVT1901973
7. 07-09-2021 Webinar “Updates on Hepatitis C infection and importance of Liver Function Test. Department of Continuing Professional Education, Aga Khan university of Karachi.

8. 19-11-2021 Online Seminar “American Society of Parasitology ASP”
Zoom Meeting ID: 81607439588
9. Webinar Dissecting the scholarly publishing process an overview and guidance a publishing. Managing Editor, Molecular Ecology and Molecular Ecology Resources, Wiley Publisher.
10. World Malaria Day, Webinar a Malaria: Vector Biology and Control Department of Zoology, GC University Lahore.
2022

WEBINARS (Attended)

1. 03-05-2021: Educated Decisions for dairy cattle breeding in Pakistan
2. 22-05-2021: Improving Dairy animal quality in Pakistan through selected genetics: A Novel Proposal by Prof. Dr. Imran Humayun Khan, USA
3. 26-05-2021: Milk production from indigenous breeds-formation of Associations by Dr. Davindar K Sadana
4. 22-06-2021: World Camel Day “Camel the animal of future” by Dr. Abdul Raziq Kakar
5. 01-07-2021: Nutrigenomics-prospects for improving production performance and mitigation of methane emission from indigenous animal genetic resources (AnGR) by Dr. Fiaz ul Hassan
6. 03-07-2021: Dairy cooperatives in Pakistan-Lessons from the past by Dr. Ihsan Ullah CEO Greentech International
7. 07-07-2021: To NGS and back: how to use data from genomic for easy handling of outbreaks by Dr. Francesco Pomilio, Dr. Alexandra chia verini, Dr. Maria Elizabetta, Dr. Marina Qureshi, IZSVE, Italy
8. 09-07-2021: Vaccines against arthropod borne diseases Speaker Dr. Monica Florin, INATA, Argentina and Prof. Dr.M. Imran Rashid UVAS
9. 15-07-2021: Status and importance of indigenous knowledge in Veterinary and Animal Sciences by Dr. Jacob Wanyama, Kenya
10. 05-08-2021: Economical choices for early weaning lambs by Dr. Jayampathi Ekanayake, Sri Lanka
11. 12-08-2021: Genomic potential of adaptation and improvement of indigenous cattle for food production in a challenging world by Prof. Dr. han Jianlin, Beijing, China
12. 26-08-2021: Community-based breeding programs: attractive options for genetic improvement of sheep and goat in low input systems by Dr. Aynalem Haile, ICARDA
13. 02-09-2021: Implementation steps, progresses and lessons in sheep and goat community-based breeding programs by Dr. Tesfye Getachew, ICARDA
14. 16-09-2021: Genetic improvement under resource poor condition using ICT tools by Dr. Ally Okeyo Mwai, ILRI, Kenya
15. 21-10-2021: Genomic selection-pipe line developed for goats using SNP-chip data by Dr. M. Moaen ud Din
16. 08-12-2021: Antimicrobial Resistance Awareness Week by Dr. M. Wajid Khursid Sipra, QMC
17. 15-12-2021: International Veterinary Medicine Day

2022

1. 06-01-2022 MSPM Webinar 2022: Zoonotic Melanin and challenges in Melanin Elimination at 2: 00 PM Kula Lumpur. ID: 87046090563

2. 07-01-2022 International Webinar on Stallion Breeding Soundness Examination by Dr. Firdous Ahmad Khan, DACT. Zoom ID: 93224041889 at 6:00 PM.
3. 25-01-2022 Work Shop: Training Session "Paint. Net at 9:00 AM by VC Sb.
4. 28-01-2022 Two Days International Participation Paleontology Seminar, Department of Zoology, Ghazi University DGK, 28-01-2022 to 29-01-2022. Seminar Hall, Ghazi University.
5. 01-02-2022 1. Google Meet Class of Biochemistry. ID: meet Google.com/wgc-xhm-ngk.
02. Training on Excel Software at 11:40 AM by VC Sb.
6. 02-02-2022 Conservation Optimism is inviting. Topic: International Wetlands Day, Bridging Borders. The University of Education, Lahore.
7. 10-02-2022 National Webinar Islamic Guidelines regarding the Animal Welfare at 11:00 AM. Zoom ID: 830960725378.
8. 23-02-2022 to 24-02-2022 International Conference (Hybrid Mode). Remote Sensing Agriculture & Health Sciences. (RGVAHS-2022) at MNSUA, Multan
25-02-2022 Reviewer of CGS Project under PARB System
9. 26-02-2022 Mela Mawashian 2022, LPRI, Bahadurnagar Okara.
10. 03-03-2022 World Wildlife Day: Department of Zoology, CUVAS
Speaker: Zahid Ali Deputy Director Wild Life, Bahawalpur
11. 07-03-2022 Seminar: Anger Management by Prof. Dr. Javaid Iqbal at CUVAS. 9:00 AM to 12:00 PM
12. Regr/ Admin/192 Dated 09-03-2022 Member Ehsas Scholarship Phase-III
13. 10-03-2022 National Horse and Cattle Show Lahore
14. 25-03-2022 58th Annual General Meeting of the Malaysian Society of parasitology & Tropical Medicine. 3:00 PM Online Zoom Meeting
15. 27-03-2022 Presentation at MANUSA Diseases of Cattle under the HI-input system
16. 30-03-2022 Animal Welfare Day
17. 08-06-2022 World Food Safety Day, Speaker: Dr. Muhammad Sajjad Khan (VC CUVAS, Bahawalpur)
18. 13-06-2022 Commissioner Office (LSD)
19. 14-06-2022 Commissioner Office Bahawalpur (LSD)
20. 04-07-2022 BOS Department of Parasitology
21. 18-22 July, 2022 National Summer School: Biomolecular Sciences "Advances in Bioinformatics" at Forest services Academy, Murree, organized by Department of Microbiology, The University of Haripur, Pakistan
22. 28-07-2022 Meeting: New Incentives
23. 15-17 September, 2022 Guest of Honor at Poultry Science Conference EXPO center, Lahore
24. Workshop on securing High Consequences Pathogens by enhancing Personnel Reliability at Research institutes in Pakistan-by-Pakistan Biological Safety Association, at PC Karachi 10-11 November, 2022
25. One Day Consultative Workshop on the propagation of ungulates (Black Buck and Chinkara Antelope) in semi-wild condition in Pakistan 26th November, 2022 at Lal Sunhra Deer Breeding & Houbara Research Center, Bahawalpur
25. 01-12-2022 Food Security and Role of Livestock in Pakistan. Lecture Theater-1

2023

1. Title of Proposal Research: Sustainable Integrated Dairy Farming Addressing Climate Change Circular Carbon Economy (CCE) & Poverty Alleviation.
2. Evaluation of Thesis Submitted by Mr. Muhammad Farman, A Candidate for M.Phil. in Marine Biology ASRB: 06957/SC.
3. Evaluation For Ph.D Thesis of Ms. Zaryab Gul (Candidate ID # 1971).

4. Office Order of the Deputy Director Wildlife Bahawalpur No. 176-80/DDW-BWP dated 16-01-23 As Convener of Committee to Evaluate Bio-Safety of Zoo of Bahawalpur.
5. Notification No. SO(G)L&DD(SP)5-2/2022(P-III) dated 03-03-23 Appoint as a Dean, Faculty of Veterinary Sciences.
6. Evaluation of M. Phil. Thesis of Candidate Maqsood Ahmad in Zoology in IUB No. 801/AS&R dated 30-03-23.
7. Evaluation of M.Phil. Thesis of Candidate Muhammad Awais in Zoology in IUB No. 800/AS&R dated 30-03-23.
8. Evaluation of M.Phil. Thesis of Candidate Kashaf Muhsan in Zoology in IUB No. 799-AS&R dated 30-03-23.
9. Convener of Committee of House Allotment No. Regr/Admin/338 dated 06-04-23.
10. Member of 5th Board of Faculty, Faculty of Veterinary Science of MNS-UAM No. FVAS/325 dated 05-05-23.
11. Notification No. SO(G)/L&DD(SP)/5-2-2022(P-III) (A.D). dated 15-05-23 To Nominate As Pro-Vice Chancellor, CUVAS, Bahawalpur.
12. Join As a Pro-Vice Chancellor of CUVAS dated 15-05-23.
13. International Seminar & Symposium on Arthropods & Arthropod-Borne Diseases on 30-31 May 2023. RPA: An Alternate to PCR For Diagnosis of Vector Borne Disease.
14. Participated in Meeting on 31-05-23 Creating Tolerance and Harmony in Pakistan Society, Role of Academia.
15. Food Security Meeting on 31-05-23.
16. External Examiner for Viva Voce of M.Phil. Candidates of the IUB No. 126/M.Phil. dated 02-06-23.
17. Nomination As Member Board of Examiners for The Comprehensive Examination of Ph.D. Scholars No. CE/623 dated 07-06-23.
18. Convener/Focal Person of Sexual/Workplace Harassment Committee Notification No. Regr/Admin/459 dated 12-06-23.
19. Convener of Committee to Propose the List of Classified/Confidential Documents of CUVAS, Bahawalpur, Notification No. Regr/Admin/493 dated 21-06-23.
20. Member of Syndicate of CUVAS Notification No. SO(E-III)L&DD/5-2/2022(P-III) dated 04-08-23.
21. As a Member Attend Syndicate 7th Meeting of CUVAS on 22-08-23.
22. Member of Committee to Prepare List of Veterinary Medicines/Drugs/Chemicals/Equipment during Financial Year 2023-24 for L&DD Department, South Punjab No. SO(T)L&DD(SP)/12-1-2022 dated 31-08-23.
23. Convener of Flood C
24. Member of 7th Meeting of Academic Council of CUVAS No. Regr/Admin/708 dated 04-09-23.
25. Convener of Committee to Scrutinize Candidates for Mali No. Regr/Admin 720 dated 08-09-23.
26. Convener of Committee to Help Vice-Chancellor in Expunging the Adverse Remarks Recorded in Performance Evaluation Reports/ACR's after hearing No. Regr/Admin/742 dated 14-09-23.
27. Convener of Anomaly Committee to Review the Pay Scales of Existing CUVAS No. Regr/Admin/744 dated 14-09-23.

28. Member of Committee for Appointment of Legal Advisor Rules, 2023 No. Regr/Admin/740 dated 14-09-23.
29. As a PLOS Reviewer on 25-09-23.
30. Attended Meeting 28-09-23 51st Meeting of VCs of HEIs of All Pakistan with HEC on Blasphemy And Harassment (Online).
31. Convener of Internship Committee to Facilitate Final Semester of DVM No. Regr/Admin/1063 dated 10-10-23.
32. Convener of Committee to Look into the Matter of Student to Appear in Final Term Examinations Before 31-12-23 No. Regr/Admin/1211 dated 14-12-23.
33. Member of 8th Syndicate Meeting of CUVAS held on 26-12-23 No. Regr/Admin/1214 dated 15-12-23.
34. Attend Meeting on 28-12-23 Centralized Test for IT Graduate Leading to Placement in IT Industry, HEC (Online).

Courses Undergraduate:

1. Helminthology PARA-402
2. General Parasitology & Protozoology PARA-401 3(2-1)
3. Veterinary Entomology and Acarology PARA-501 3(2-1)

Postgraduate Ph.D.

1. Zoonosis & Wildlife Parasitology PARA-756 3(2-1)

2024

1. Two Day International Conference on Animal Production and Biosafety 1st IC-AP&B24 at Shaheed Benazir Bhutto University of Veterinary and Animal Sciences Sakrand Memorandum of Understanding MOU **(22-02-2024)**
2. Two Day International Conference Currents Trends Prospects and Opportunities in Vaccine Research at Punjab University Lahore **(27-02-2024) to (29-02-2024)**
3. One to one meeting with Deputy Speaker Provincial Assembly Mr. Malik Zaheer Iqbal Channer for Recurring Grant for Cholistan University of Veterinary and Animal Sciences Bahawalpur **(02-03-2024)**.
4. 52nd Vice Chancellors' Committee Meeting by HEC March 20-21, 2024 Islamabad Marriott Hotel
5. Meeting with Vice Chancellor Muhammad Nawaz Sharif University of Agriculture Multan **(03-04-2024)**
6. One Day International Conference on Collaborative Strategies of Higher Education Institutions and industry to Promote Sustainable Development Goals at Women University Multan **(04-03-2024)**.
7. Guest of Honor at National Television Multan Centre (PTV) on Veterinary Problems Television Show **(14-04-2024)**.
8. Meeting with DG L&DD Lahore **(17-04-2024 to 19-04-2024)**
9. Quaid Azam Gold Medal Ceremony Civil Secretariat Lahore **(18-04-2024)**.

10. 42nd Pakistan Congress of Zoology (International) at the King Abdullah Campus of Azad Jammu & Kashmir, Chatter Klass, Muzaffarabad on Tuesday, **April 23, 2024**
11. 57th Meeting of All Punjab Universities Vice Chancellors Conference on Quality Assurance arranged by Punjab Higher Education Commission (PHEC) at Arfa Karim Technology Park Lahore **(29-04-2024)**.
12. The University of Faisalabad **(03-05-2024)** PVMC Arid Meeting **(04-05-2024)**
13. Meeting at Livestock and Dairy Development Department Lahore Pc-1 **(07-05-2024)**
14. Meeting and Exhibition at MNSUA **(08-05-24)**
15. Punjab Higher Education Commission Lahore **(20-05-2024 to 22-05-2024)**.
16. MOU (Memorandum of Understanding) ceremony between Cholistan University of veterinary and Animal Sciences Bahawalpur) and University of Sindh Jamshoro and two days International Seminar on Livestock **(10-06-2024) to (13-06-2024)**
17. Workshop at PHEC Lahore **(26-06-2024 29 to 29-06-2024)**
18. Two Days Meeting with Federal Minister for NFSR with Vice Chancellors of Agriculture and Veterinary Universities of Pakistan on 30-6-24 to 3-7-24 Under Ministry of National Food Security and Research Government of Pakistan **(30-06-2024)**.
19. MNF& R Islamabad **(01-07-2024 to 02-07-2024)**
20. Official Visit to Military Dairy Farm (CEBG) Okara for IVF Lab and Quality Enactment Cell Meeting at University of Lahore Under Punjab Higher Education Commission Lahore **(09-07-24)**
21. Meeting with Animal Husbandry Commission and Planning Commission Islamabad dated on **(22-07-24) to (23-07-2024|)**
22. International Conference on Gender, Intersectionality and Climate Change Towards Gender Equality and Climate Justice in Pakistan: Perspectives, Policies and Practices, 24 – 25 September 2024 , Jinnah Auditorium, NUST H-12, Islamabad
23. Meeting with Secretary Livestock and Dairy Development Department Lahore **(31-07-2024)**.
24. Two Day workshop on Pakistan Halal Summit 2.0 inspiring change by Ex-Port Oriented Halal Industry & Accredited Certification organized by Standards & Metrology Institute for Islamic Countries (SMIIC) at Faletti's Hotel Lahore **(07-08-2024)**.
25. One Day Conference on Food Security and Livestock at Marriott Hotel Islamabad arranged by Ministry of National Food Security and Research **(10-08-2024)**
26. Coordinate a consultative workshop to deliberate on National Veterinary Laboratory Guideline & Laboratory Policy on Animal Health Sector at National Institutes of Health Islamabad Pakistan **(12-08-2024 to 13-2024)** FAO and OIE (WOAH) Pakistan and Lahore

27. NSPP Lahore **(19-08-2024 to 20-08-2024)**
28. Meeting with Secretary Finance Government of Punjab Finance Department Lahore **(22-08-2024)**.
29. Memorandum of Understanding (MOU) Ceremony between Cholistan University of Veterinary and Animal Sciences Bahawalpur and Government College University Lahore (GCUL) **(28-08-2024)**.
30. IPEX Lahore **(28-09-2024)**
31. 8th Asia Pacific Advanced Network Meeting 29–30 August 2024 organized by Higher Education Commission Islamabad at Serena Hotel Islamabad **(29-08-2024)**
32. Three days International Conference on Emerging Technologies Innovations for Sustainable Development Goals dated on 9-9-2024 to 11-9-2024 organized by University of Haripur at Sawat and Memorandum of Understanding (MOU) Ceremony on Halal Meat with University of Haripur **(09-09-24)**
33. Guest of Honor at Suno FM 89.4 Multan Radio Station **(19-9-24)**
- 34.** Meeting with Secretary Livestock and Dairy Development Lahore Missing facilities of Cholistan University of Veterinary and Animal Sciences Bahawalpur, accreditation with PVMC on revised PC-1 **(16-9-2024)**
35. 35th Commission Meeting of The Punjab Higher Education Commission Was Held at PHEC Conference Room, ASTP, Lahore **(20-9-24)** Livestock Breeding Authority Meeting
- 36.** 58th Asia Pacific Advanced Network Meeting 24-9-24 Organized by Higher Education Commission (HEC), at Serena Hotel Islamabad **(23-9-2024)**
- 37.** Guest of Honor at Bahauddin Zakariya University Multan on one day Parasitology National Conference Paracon24: 3rd International Parasitology Conference Lahore **(09-10-2024)**
38. MNSUA Focal Person meeting 30-09-2024
39. International School Award, Guest of Honour, Lahore Faletti's Hotel, **(05-10-2024)**
40. Guest of honour at Star Award Welfare Foundation Lahore Seminar **(15-10-2024)**
- 41.** 58th Asia Pacific Advanced Network (APAN) Meeting A significant event in the field of technology and innovation Higher Education Islamabad **(23-10-2024 to 24-10-2024)**
42. International conference on applied science and Technology (ICAST-2024) International Conference at Baba Guru Nanak University Nankana Sahib (23-10-2024 to 24-10-2024)
43. Rector round table conference 2024-character mastery to achieve and sustain success (29-10-24)
44. International fishers' day 28-11-2024 Department of Zoology Govt Sadiq Women University Bahawalpur
45. Chief Guest Training concern on Animal Virous Propagation Techniques in Monolayer and Micro carrier cell Cultures dated on 13-12-2024 at Nuclear Institute for agriculture of Biology (NIAB) Faisalabad
46. Meeting with secretary livestock and dairy development department and Vice Chancellors of Veterinary Institute on the direction of secretary IPC dated on 10-12-24

47. Chairman HEC Prof.Dr. Mukhtar Ahmad 11-12-24
48. Vice Chancellor Prof. Dr. Niaz Akhtar Quaid Azam University
49. 4th International Conference on research in special Education (ICOR&E)2024 dated on 12-12-24
50. 2nd International Conference on innovational of chemistry, Biochemistry Biotechnology and Bioinformatics (ICBBB2024)16-12-24
51. MOU with Blood Doner BVH16-12-24
52. MOU with Abbottabad University of Science and Technology with Malik Mujaded Ur Rehman 18-12-24
53. MOU with Ghazi University Dera Ghazi Khan with Dr. Ashfaq Ahmad Chatta 18-12-24
54. 1st International conference on Multidisciplinary research in social Sciences (ICMRSS-24) Theme Innovative Practise in social sciences for sustainable future Leveraging AI pedagogies and implications 18-12-24
55. Inauguration of NEX GEN AI Lab 18-12-24 at CUVA
56. 13th Meeting of Livestock Breeding Services Authority, Punjab Lahore to be held on 19th December, 2024 (Thursday) at 02:00pm in the committee room of L&DD Department, 16 Cooper Road, Lahore

Performance/ activities/ assignment(s) during 1st January, 2023 to 31st December, 2023

35. Title of Proposal Research: Sustainable Integrated Dairy Farming Addressing Climate Change Circular Carbon Economy (CCE) & Poverty Alleviation, FVS/214, dated 02/01/23.
36. Evaluation of Thesis Submitted by Mr. Muhammad Farman, A Candidate for M.Phil. in Marine Biology ASRB: 06957/SC.
37. Evaluation For Ph.D Thesis of Ms. Zaryab Gul (Candidate ID # 1971).
38. Office Order of the Depty Director Wildlife Bahawalpur No. 176-80/DDW-BWP dated 16-01-23 As Convener of Committee to Evaluate Bio-Safety of Zoo of Bahawalpur.
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44. Member of 5th Board of Faculty, Faculty of Veterinary Science of MNS-UAM No. FVAS/325 dated 05-05-23.

45. Notification No. SO(G)/L&DD(SP)/5-2-2022(P-III)(A.D). dated 15-05-23 To Nominate as Pro-Vice Chancellor, CUVAS, Bahawalpur.
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47. International Seminar & Symposium on Arthropods & Arthropod-Borne Diseases on 30-31 May 2023. RPA: An Alternate to PCR For Diagnosis of Vector Borne Disease.
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50. External Examiner for Viva Voce of M.Phil. Candidates of the IUB No. 126/M.Phil. dated 02-06-23.
51. Nomination As Member Board of Examiners for the Comprehensive Examination of Ph.D. Scholars No. CE/623 dated 07-06-23.
52. Convener/Focal Person of Sexual/Workplace Harassment Committee Notification No. Regr/Admin/459 dated 12-06-23.
53. Convener of Committee to Propose the List of Classified/Confidential Documents of CUVAS, Bahawalpur, Notification No. Regr/Admin/493 dated 21-06-23.
54. Member of Syndicate of CUVAS Notification No. SO(E-III)L&DD/5-2/2022(P-III) dated 04-08-23.
55. As a Member Attend Syndicate 7th Meeting of CUVAS on 22-08-23.
56. Member of Committee to Prepare List of Veterinary Medicines/Drugs/Chemicals/Equipment during Financial Year 2023-24 for L&DD Department, South Punjab No. SO(T)L&DD(SP)/12-1-2022 dated 31-08-23.
57. Convener of Flood Committee Reg/Admin/694 dated 31-08-23
58. Member of 7th Meeting of Academic Council of CUVAS No. Regr/Admin/708 dated 04-09-23.
59. Convener of Committee to Scrutinize Candidates for Mali No. Regr/Admin 720 dated 08-09-23.
60. Convener of Committee to Help Vice-Chancellor in Expunging the Adverse Remarks Recorded in Performance Evaluation Reports/ACR's after hearing No. Regr/Admin/742 dated 14-09-23.
61. Convener of Anomaly Committee to Review the Pay Scales of Existing CUVAS No. Regr/Admin/744 dated 14-09-23.
62. Member of Committee for Appointment of Legal Advisor Rules, 2023 No. Regr/Admin/740 dated 14-09-23.
63. As a PLOS Reviewer on 25-09-23.
64. Attended Meeting 28-09-23 51st Meeting of VCs of HEIs of All Pakistan with HEC on Blasphemy and Harassment (Online).
65. Convener of Internship Committee to Facilitate Final Semester of DVM No. Regr/Admin/1063 dated 10-10-23.
66. World Rabies Day on 10-10-23
67. World Egg Day on 13-10-23
68. On 27-10-23 Kashmir Day
69. Academic Council 16-11-23
70. World Antimicrobial Resistance AMR Week 18-24 November, 2023.
71. On 30-11-23 One Day learning and sharing workshop on Animal Welfare Behavior Compassionate Handling and Animal Health Monitoring Frame Work AHMF.

72. On 06-12-23 Invest to Prevent Violence against Women and Girls.
73. Convener of Committee to Look into The Matter of Student to Appear in Final Term Examinations Before 31-12-23 No. Regr/Admin/1211 dated 14-12-23.
74. Member of 8th Syndicate Meeting of CUVAS held on 26-12-23 No. Regr/Admin/1214 dated 15-12-23.
75. On 21-12-23 Anti-Drug Seminar.
76. On 22-12-23 Annual Dinner MLT.
77. Attend Meeting on 28-12-23 Centralized Test for IT Graduate Leading to Placement in IT Industry, HEC (Online).

2024

INTERNATIONAL BOOKS/ CHAPTER CONTRIBUTATION:

1. **M. Mazhar Ayaz** and Masood Akhtar (2005) Diagnosis of Mastitis by benzoic acid (benzene sulfonic acid) and sodium carbonate on pregnant and lactating mastitis animals. Mastitis in Dairy Production, current knowledge and future solutions. Wageningen Academic Publishers The Netherlands. 1st publication. Pp: 477-480.
2. **Muhammad Mazhar Ayaz** et al., (2018) Book Chapter “Parasitism in Goats and its effect by management and control” Book title: **Goat Science**, Intech Publishers, Croatia. ISBN 978-953-51-5495-2.
3. **Mohammad Mazhar Ayaz**, Ahsan Sattar Sheikh, Mubashar Aziz and Muhammad Mudasser Nazir. 2020. Goat Immunity to Helminthes , Goats (Capra - From Ancient To Modern), ISBN 978-953-51-6495-1 Book edited by: Prof. Sándor Kukovics, IntechOpen Limited, 7th floor, 10 Lower Thames Street, London, EC3R 6AF, UK
4. Muhammad Farrukh Nisara , Chunpeng Wanb , Zahid Manzoore , Yasir Waqasa , Kamal Niaze , **Muhammad Mazhar Ayaz** 2020. Glycosidic derivatives of flavonoids. Recent Advances in Natural Products Analysis . Pp: 57-84 1st Edition. Editors: Seyed Nabavi Mina Saeedi Seyed Nabavi Ana Sanches Silva. Paperback ISBN: 9780128164556 eBook ISBN: 9780128175194. Imprint: Elsevier. Published Date: 4th March 2020. Page Count: 878. DOI:<https://doi.org/10.1016/C2018-0-00121-8>
5. Hussain K, Rana MAT, Abbas A, Khan JA, Rehman A, Yasin R, Samiullah K, Ahmad B, Haider A, **AyazM**, Zaib W, Waqas MU and Raza MA, 2022. Babesiosis- a threat to livestock and companion animals. In: Abbas RZ, Khan A, Liu P and Saleemi MK (eds), Animal Health Perspectives, Unique Scientific Publishers, Faisalabad, Pakistan, Vol. I, pp: 122-127.<https://doi.org/10.47278/book.ahp/2022.16>

6. Asghar Abbas, Zurisha Rani, Rao Zahid Abbas, Kashif Hussain, Faisal Siddiqui, Atif Rehman, Baseer Ahmad, Muhammad Asif Raza, Junaid Ali Khan, Riffat Yasin, Shahid Ali Rajput, Waqar Zaib, Tauseef ur Rehman, **Muhammad Mazhar Ayaz** and Hafeezur Rehman Ali Khera.2022. Botanical Control of Poultry Coccidiosis. Abbas RZ, Khan A, Liu P and Saleemi MK (eds), Animal Health Perspectives, Unique Scientific Publishers, Faisalabad, Pakistan, Vol. I, pp: 247-252. <https://doi.org/10.47278/book.ahp/2022.33>

BOOKS EDITED

ABSTRACT BOOK EDITED:

Author: Prof. Dr. Zafar Iqbal and **M. Mazhar Ayaz** (2010)
National Conference on the strategies to improve red meat production in Pakistan.
13th October, 2010. Faculty of Vet. Sci. Bahauddin Zakariya University, Multan,
Pakistan.

PROCEEDING BOOK EDITED:

Author: Prof. Dr.Zafar Iqbal and **M.Mazhar Ayaz** (2010)
National Conference on the strategies to improve red meat production in Pakistan, 13th
October, 2010. Faculty of Vet. Sci. Bahauddin Zakariya University, Multan, Pakistan

AUTHOR OF BOOKS& BOOKLETS/CLASS NOTES:

1. Title: Janwarun say achi padawar lanay kaey chund sunaharay asool. In Urdu.
2. The procedures in Veterinary Protozoology: Laboratory Techniques in Veterinary Protozoology LAP LAMBERT Academic Publishing Germany (December 6, 2010)
ISBN-10: 3843377782 **ISBN-13:** 978-3843377782
3. A Discussion on Veterinary Epidemiology and Public Health : LAP LAMBERT academic publishing Germany (December 31, 2010) **ISBN-10:** 3843389551 **ISBN-13:** 978-3843389556
4. Advance Techniques in Veterinary Entomology: Laboratory Procedures in Veterinary Entomology Diagnosis and exploration Mazhar Ayaz and Skindar Hayat (Author): LAP LAMBERT Academic Publishing (February 14, 2011) **ISBN-10:** 3844305130 **ISBN-13:** 978-3844305135
5. A Text Book on The Welfare, Management, Rights And Acts Of Laboratory Animals And

- Zoo Animals. Pub: 2011 ISBN/EAN: 978-3-8443-9275-3 ISBN-10:3-8443-9275-0 / 3844392750 ISBN-13: 978-3-8443-9275-3 / 9783844392753
6. Veterinary Protozoology Published 2012. ISBN 978-3-84543172-7, **ISBN-10:** 3845431725, LAMBERT
 7. General Veterinary Parasitology. Text Book . 2012. BBS Life Sciences publishers, Multan.
 8. A Guide For Veterinary Protozoology. Text Book. 2012. BBS Life Sciences Publishers, Multan
 9. The Procedures in Veterinary Protozoology. Practical approach. 2012. 2nd edition. BBS Life Sciences Publishers, Multan
 10. A compendium on Veterinary Helminthology. Pub. 2013. 1st Ed. BBS Life Sciences Publishers, Multan
 11. Techniques for Helminthology. Pub. 2013. 1st Ed. BBS Life Sciences Publishers, Multan
 12. Instant notes on Veterinary Entomology: 2014. ISBN-13: 1505446309, 9781505446302, CreateSpace Independent Publishing Platform Amazon Pub. For DVM and Post graduate students

DISTINCTIONS AND SCHOLARSHIPS

Distinctions in scouts Quiz Examination

Merit scholarship of Higher Secondary School Education Board

Merit scholarship of graduate education Board

MEMBERSHIPS OF HONORABLE SOCIETIES

- ★Entomological Society of American, member since 2017 Membership ID: 99910
- ★ Member the American Association for the Advancement of Science (AAAS), USA Membership No.41550623
- ★ American Society of Tropical medicine and Hygiene (ASTMH), USA ID: 54901
- ★International Goat Association, (IGA) USA ID: **M05784**
- ★ British Society of Parasitology Membership No.6979
- ★Royal Society of Tropical Medicine and Hygiene period: 27/03/ 2019 to 31/03/2020
- ★Member World Poultry Veterinary Association (WPVA) Pakistan Branch
- ★International Society of Zoological Sciences, China ID:1272-I
- ★ American Society of Microbiology, Washington, DC, USA ID:57224867
- ★ Malaysian Society of Parasitology and Tropics Medicine, (MSPTM) Malaysia ID:0583
- ★Member Alumni Association (UVAS)
- ★Member Royal Entomological Society (RES), The Mension House, Chiswell Green Lane,

St. Albans, Hert AL2 NS, England, ID: 8197

★Member of Pakistan Society of Parasitology (PSP) Life member.

★Member of Pakistan Veterinary Medical Council (PVMC) Life member

★ Member of Coccidiologists of
worldhttp://biology.unm.edu/biology/coccidia/coccidiologists.htm

★Member of American Society of Parasitologists (ASP), USA mem No. 00291114-0

★Members of the International Society of Phthirapterists, Brno, Czech Republic

Subscriber member of Journal of Parasitology (USA)

★Subscriber member of Pakistan Veterinary Journal (PVJ)

★Member of International Buffalo Information Centre (IBIC), Bangkok, Thailand.

★Member of Society for Reproduction.

★Member of Pakistan Veterinary Medical Association (PVMA)

★Member of Blood Donor Association, CVS, Lahore

★Member of Graduate Memento Council, CVS, Lahore

★Member of Judo Karate, Kukishan, CVS, Lahore

★Certificate of Appreciation on Professional Quiz on PTV, Lahore

★Certificate on wining on championship tournament of District badminton, D.G. Khan.

★Member of District Boy Scouts Association

CERTIFICATES

◆ National Cadet Certificate (NCC), D.G. Khan. (1986-1988)

◆ Certificate from Planning and Development (R&D) Department, Lahore
(Appraisal of Projects) at D.G. Khan (1997)

◆ Urea Molasses Multi-Nutrient Block (UMMB) at Nuclear Institute of Agriculture &
Biology (NIAB), under guidance of IAEA (1998)

◆ Agriculture Extension from academy for Rural development, Peshawar (1998)

◆ Animal health and production from In service training Institute Bhuneky (Pattoki) (1998)

◆ Approach to Supra-molecular complexes and their functions-Glycobiology, lipid Biology
and microbiology on 25th Asian molecular Biology organization at RIKEN-The institute
of Physical and chemical research frontier research System, Wako-Shi, Saitama, Japan, 3-
12 March, 2002.

- ◆ Public Health Parasitology, Department of Veterinary Parasitology, University of Agriculture Faisalabad, Div. Education and Extension (2002)
- ◆ Community Development, Department of Rural Sociology, University of Agriculture Faisalabad (2002)
- ◆ XIII Star Asia Award (2002) and Certificate of Excellence from South Asia Publication on May 2003 at Bharia Auditorium Karachi.
- ◆ Certificate on International Training Workshop on Standard Diagnosis techniques of Livestock Health Diseases in Developing Countries, 12-18 September, 2004, Lanzhou Veterinary Research Institute, Lanzhou, China.
- ◆ National Training Course on Food Safety Management System ISO 22000:2005 for Auditors/ Lead Auditors, 28th - 30th March 2011 at Multan.
- ◆ Three days HEC workshop on statistical modeling for improving the standards of Research and Education for University Professionals. 23-25 January, 2012 at UCA, BZU, Multan
- ◆ Three days cascading of Asian Institute of Technology (AIT), Thailand based training programme “Ensuring training Effectiveness” from 9-11th April, 2012 at UCA, BZU, Multan
- ◆ One day seminar/workshop on” Role of Homeopathy in Agriculture, Veterinary Medicine and Current Health Challenges” on 3rd May, 2012 at the Islamia University of Bahawalpur.
- ◆ Two days“ workshop on” Project Formulation Workshop” by Pakistan Science Foundation (PSF) on June 20-21, 2012 at BZU.
- ◆ Faculty Registration certificate by Pakistan Veterinary Medical Council, Pakistan.
- ◆ 34th Pakistan Congress of Zoology (International), 25-27 February 2014.BZU, Multan
- ◆ Participated One day workshop on “End Note-1” click solutions for researchers” May 22, 2014 organized by ASM-BZU, Agriculture Auditorium, BZU, Multan.
- ◆ 5th International congress on Agriculture food security and climate change. September, 09-11, 2014. University of Poonch, Rawalakot, AJK, Pakistan.
- ◆ 1st International conference on Zoonoses, 16-17 October, 2014. Organized by Faculty of Veterinary Sciences, BZU, Multan, Pakistan.
- ◆ On day workshop “Biosafety in Pakistan Challenges and solutions” Organized by Department of Food Sciences and American Society of Microbiology (ASM), 24th November, 2014., IMS Hall, BZU, Multan, Pakistan.
- ◆ Training Program on “Stress Management” 21st January, 2015 at Multan Chamber of

commerce and Industry, Multan, Pakistan.

- ◆ Two days International Conference on “Malnutrition in South Asia: The Peril persists. February 23-24, 2015, Department of Food Science & Technology, BZU, Multan
- ◆ 35th Pakistan Congress of Zoology (International) March 1-4, 2015 at University of Karachi, Karachi
- ◆ Molecular Diagnosis of infectious disease of Livestock & Poultry. 6-8 April, 2015. National Institute of Biotechnology and Genetic Engineering, Faisalabad, Pakistan
- ◆ Two days seminar on “Rangelands in Pakistan-Status, potential, opportunities and Tools/Measures for its improvements” April 28-29, 2015 at IMS Executive Hall, BZU. Organized by Department of Forestry & Range Management, BZU, Multan.
- ◆ IV ParSco Summer Residency Course at University of Bari, Italy from 5th September, 2015 to 12th September, 2015, awarded by European College of Veterinary Parasitology (ECVP) Belgium
- ◆ International seminar on poultry diseases, 14-15, December, 2015. Department of Pathology, University of Agriculture, Faisalabad, Pakistan
- ◆ 6th Annual Public Health Conference “Fragile health system: issues and challenges in Pakistan-harnessing opportunities” December 11-12, 2015. Health Services Academy, Park Road, Chack shahzad, Islamabad, Pakistan
- ◆ 36th Pakistan Congress of Zoology (International), 16-18 February, 2016. University of Sindh, Jamshoro, Pakistan
- ◆ International Livestock and, Dairy and Poultry Congress-2016, March 16-17, 2016, Expo Center, Johar town, Lahore, Pakistan
- ◆ 12th International Goat Conference 2016, Antalya, Turkey, 24 September 2016 -1st October, 2016
- ◆ 2nd International Conference on Zoonoses, October 20-21, 2016, Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan
- ◆ 1st National Conference on Emerging Trends and Challenges in Social Sciences, 15-16 November, 2016, Department of Sociology, BZU, Multan
- ◆ 37th Pakistan Congress of Zoology (International), February 28-March 02, 2017. Government College University Faisalabad, Pakistan.
- ◆ Seminar on Strengthening Production and Marketing of Goats in Pakistan. 1st March 2017, University of Agriculture, Faisalabad.

- ◆ 14th Annual Conference of Medical Microbiology & Infectious Diseases Society of Pakistan on „One World One Health” March 10-11, 2017 at Nishtar Medical College & Hospital, Multan
- ◆ 3rd International Conference on Safe Food for All & Food Expo, March 2-3, 2017, Institute of Food Science and Nutrition, BZU, Multan
- ◆ 9th International Sheep Congress, 22nd May -26th May, 2017. Harrogate, UK
- ◆ 1st International Conference on Biotechnology (ICB): Challenges and opportunities in Pakistan. October 11-12, 2017, Faculty of Basic Sciences & ORIC Lahore Garrison University, Lahore
- ◆ 65th Entomology Conference, November 5-8, 2017 at the Denver Convention Center in Denver, Colorado, USA.
- ◆ 38th Pakistan Congress of Zoology (International), February 27-March 1, 2018. University of the Punjab, Lahore, Pakistan.
- ◆ International Buffalo Congress, February 18-20, 2019 at PC Hotel, organized by University of Veterinary and Animal Sciences, Lahore, Pakistan

JOB EXPERIENCE:

1. Lahore Veterinary Diagnostic Laboratory, Lahore (1992-1993)

Major Duties:

2. Post mortem of diseased birds.
3. Grams stain, Giemsa and acid-fast staining for bacteria and parasites.
4. Culture and sensitivity
5. Antibody titration
6. Isolation of pathogens from litter, fluff, body organs, secretions, hatchery material and environment of poultry farm and water.

2. CANNON FEEDS (1993)

1. Sale of feed.
2. Technical help to the consumers and farmers.

3. RAHMAN VETERINARY LABORATORY AND CLINIC (1994)

MAJOR ASSIGNMENTS

1. Hematology of livestock.
2. Detection & isolation of microbial pathogens and causative agents for major livestock diseases.

3. Sensitivity for milk, pus, feces, urine and vaginal smears.
4. Detection of protozoa of blood and feces.
5. Treatment of metabolic and other general diseases.
6. Prophylactic measures against infectious diseases.
7. Schedule preparation for vaccination programme.
8. Feed ration planning.
9. Herd Mastitis Control measures.
10. Epidemiological survey for emerging diseases of livestock and poultry.

3. VETERINARY OFFICER, DEPARTMENT OF LIVESTOCK AND DAIRY DEVELOPMENT, GOVT. PUNJAB, PAKISTAN. (22-2-1994 to 18-4-2009)

Major Duties:

1. Planning for vaccination in the area.
2. Treatment for sick animals.
3. Supervision of the field staff.
4. Warble fly control measures in infested area.
5. Supervision of animal health activity in the area.
6. Collection of samples and serum for disease diagnostic laboratory as Veterinary Officer, DDL, D.G. Khan.
7. Slaughter house in charge and control of slaughtering and imposition of slaughter act.
8. Surgical interventions and procedures in routine surgical cases like Hernia, esophagotomy, rumenotomy, caesarian section, end to end anastomosis, intestinal correction of impacted mass.

4. Assistant Professor (23-4-2009 to 16-11-2018), Bahauddin Zakariya University, Multan, Pakistan Faculty of Veterinary Sciences, Department of Pathobiology, Veterinary Parasitology Laboratory, Bahauddin Zakariya University, Multan, Pakistan

5. Professor, Since 15 November 2018, Cholistan University of Veterinary and Animal Sciences, Bahawalpur, Pakistan

Department of Parasitology, Cholistan University of Veterinary and Animal Sciences, Bahawalpur, Pakistan

- 6. Director,** Institute of Continuing Education and Extension, CUVAS Since 05-06-2020 No.Regr/Admin/466
- 7. Officer Incharge,** Faculty of Veterinary Sciences, CUVAS since 29-06-2020 No.Regr/Admin/481

- 8. Acting Vice Chancellor, CUVAS (27-08-2022 to 10-09-2022) Look after charge**
- 9. Dean Faculty of Veterinary Science (03-03-2023 to)**
- 10. Pro Vice Chancellor, Cholistan University of Veterinary and Animal Sciences, Bahawalpur, Pakistan (15-05-2023 to)**

COURSE(S) TAKEN

1. General Parasitology and Protozoology
2. Medicine Clinic-I
3. Laboratory and Zoo Animals Welfare and Management.
4. Meat and Slaughter House Byproducts Technology
5. Practical Classes of Vet. Entomology.
6. Practical classes of Vet. Helminthology
7. Veterinary Epidemiology and Public health
8. Veterinary Helminthology
9. Pet animal welfare and management
10. Veterinary Entomology
11. General Veterinary Parasitology
12. Veterinary Protozoology
13. Meat Inspection
14. Meat Hygiene and Public Health
15. Diagnostic Parasitology for BS Applied Microbiology
16. Medical Parasitology for Medical Laboratory Technology
17. Chemotherapy of Parasitic Diseases (Post Graduate) PhD
18. Advanced Parasitic Zoonoses (Post Graduate) PhD
19. Vector-borne Zoonoses (Postgraduate) PhD
20. Advances in diagnostic and molecular techniques in parasitology PhD
21. Diagnostic Techniques in Parasitology PARA-704
22. Parasitic Zoonosis in wildlife
23. Biochemistry for DVM Graduates
24. LAD class (Veterinary Assistant Diploma class by Distance Learning Program)
25. VAD class (Veterinary Assistant Diploma class by Faculty of Veterinary Sciences)

PROFESSOR

Department of Parasitology, Cholistan Univesity of Veterinary and Animal Sciences,
(CUVAS) Bahawalpur, Pakistan since 18-11-2018

Chairman, Department of Parasitology

Dean, FVS, CUVAS (03-03-2023)

PRO VICE CHANCELLOR

ADMINISTRATIVE / MANAGERIAL DUTIES:

2010

1. Member Post Graduate Admission committee 2010
2. Secretary conference for the strategies to improve red meat production 2010.

2011

3. Laboratory staff Incharge Pathobiology, 2011
4. Estate and Buildings Incharge FVS, 2011-14

2013

5. Assistant Director Student Affairs, 2012-13
6. Admission committee DVM 2013
7. Student Advisor 2013-14

2014

8. Member Board of Faculty in FVS, BZU, letter No. Acad/BoS-BoF/ 730 dated 23-6-2014
9. Member Technical Scrutiny Committee of FVS, Notification No. Gen/P-4/7619 dated 1-7-2014
10. Member Faculty Examination Committee for M.Phil. Notification No. Acad/BoS-Vet. Sci/9385 dated 1-9-2014.
11. Member Under graduate & Post Graduate Admission Committee. Notification No. Ad-12/9043/R.S. Dated 22-8-2014.
12. Member Evaluation/ Technical Scrutiny Committee for FVS. No. FVS/D-971/14 dated 27-5-2014.
13. Secretary Organizing Committee for 1st International conference on Zoonoses, 16-17 October, 2014. Organized by Faculty of Veterinary Sciences, BZU, Multan, Pakistan.
14. Member Faculty Prospectus Committee for Pathobiology year 2014-2015. No. FVS/D-605/14 dated 25-3-2014.
15. Member Admission Committee DVM 2014-15

2015

16. Member Faculty Purchase Committee
17. Member Faculty Animal Purchase Committee

2016

18. Focal Person ORIC, Faculty of Veterinary Sciences, BZU

2017

19. Panel member of Examiners for DVM internes No. FVS/D-1081/17 dated 18-5-2017
20. Visit to Multan abattoir No.FVS/DPB/D-314/17 dated 22-11-2017

2018

21. Chairman, Department of Parasitology, CUVAS, Bhawalpur
22. Convenor/ Chairman Board of Studies, Department of Parasitology, CUVAS, Bahawalpur
23. Member of Faculty Board of Studies, Faculty of Veterinary Sciences, CUVAS
24. Member Academic Council, CUVAS

2019

25. Convenor selection committee for selection of Drivers at CUVAS
26. Convenor selection committee for selection of Gate Keepers at CUVAS
27. Member Grievance committee

2020

28. Member selection committee for HEC Ehssas scholarship, CUVAS
29. Incharge evaluation and attendance ICE&E, CUVAS
30. Member Scrutiny committee on 19-05-2020 for post of Associate Professor, Ghazi University, Dera Ghazi Khan. No.GU/Admin.220/1207 dated 18-05-2020
31. Director, Institute of Continuing Education and Extension, CUVAS Since 05-06-2020 No.Regr/Admin/466
32. Officer Incharge, Faculty of Veterinary Sciences, CUVAS since 29-06-2020 No.Regr/Admin/481
33. Member Faculty Board of Studies, Muhammad Nawaz Sharif University of Agriculture (MANSUA) , Multan

2021

- 1 . Convener Semester Freeze Committee No.Regr/Admin/300 dated 30-03-2021
2. Member University Campus committee No.Regr/Admin/354 dated 15-04-2021
- 3.Convener Students Inter department and Intervarsity Championship/ Tournament 2021-2022

No.Regr/Admin/466 dated 28-06-2021

4. Convener/ Incharge Program committee for initiation of BS Chemistry Degree Program

No.Regr/Admin/574 dated 30-08-2021

5. Member for MOU/LOA committee No.Regr/Admin/598 dated 07-09-2021

6.Convener standing committee for sports quota for admission No.Regr/Admin/644 dated 22-09-2021

7.Convener Academia-Industrial Linkages Committee No.Regr/Admin/842 dated 22-12-2021

2022

06-01-2022

MSPM Webinar 2022: Zoonotic Melanin and challenges in Melanin Elimination at 2: 00 PM Kuala Lumpur. ID: 87046090563

07-01-2022

International Webinar on Stallion Breeding Sounder Examination by Dr. Firdous Ahmad Khan, DACT. Zoom ID: 93224041889 at 6:00 PM.

25-01-2022

Work Shop: Training Session "Paint. Net at 9:00 AM by VC Sb.

28-01-2022

Two Days International Participation Paleontology Seminar, Department of Zoology, Ghazi University DGK, 28-01-2022 to 29-01-2022. Seminar Hall, Ghazi University.

01-02-2022

1. Google Meet Class of Biochemistry. ID: meet Google.com/wgc-xhm-ngk.

2. Training on Excel Software at 11:40 AM by VC Sb.

02-02-2022

Conservation Optimism is inviting. Topic: International Wetlands Day at 7:30 PM Bridging Borders. The University of Education.

10-02-2022

National Webinar Islamic Guidelines regarding the Animal Welfare at 11:00 AM. Zoom ID: 830960725378.

23-02-2022 to 24-02-2022

International Conference (Hybrid Mode). Remote Sensing Agriculture & Health Sciences. (RGVAHS-2022) at MNSUA, Multan

26-02-2022

Mela Mawashian 2022, LPRI, Bahadurnagar Okara.

03-03-2022

World Wildlife Day: Department of Zoology, CUVAS

Speaker: Zahid Ali Deputy Director Wild Life, Bahawalpur

07-03-2022

Seminar: Anger Management by Prof. Dr. Javaid Iqbal at CUVAS. 9:00 AM to 12:00 PM

10-03-2022

National Horse and Cattle Show

25-03-2022

58th Annual General Meeting of the Malaysian Society of parasitology & Tropical Medicine.

3:00 PM Online Zoom Meeting

27-03-2022

Diseases of Cattle under the HI-input system
 30-03-2022
 Animal Welfare Day
 08-06-2022
 World Food Safety Day
 Speaker: Prof. Dr. Muhammad Sajjad Khan (VC CUVAS, Bahawalpur)
 Food Security And Role of Livestock in Pakistan.
 10:00 AM Lecture Theater 1
 13-06-2022
 Commissioner Office (LSD)
 14-06-2022
 Commissioner Office Bahawalpur (LSD)
 04-07-2022
 BOS Department of Parasitology

ORGANIZED CONFERENCES NATIONAL AND INTERNATIONAL

2010

National conference on the strategies to improve red meat production in Pakistan. 13th October, 2010. Faculty of Vet. Sci. Bahauddin Zakariya University, Multan, Pakistan

2014

1st International conference on Zoonoses, 16-17 October, 2014. Faculty of Veterinary Sciences, BZU, Multan, Pakistan.

2016

2nd International conference on Zoonoses, 20-21 October, 2016. Organized by Faculty of Veterinary Sciences, BZU, Multan, Pakistan.

2019

International Symposium on Zoonotic Diseases of Camel, at CUVAS on 6 November, 2019.

2020

1. One day seminar on "coronavirus" in Department of Zoology, The Govt. Sadiq College for Women University, Bahawalpur, on 4th March, 2020
2. International Webinar with collaboration of The University of Melbourne, Australia on 21st October, 2020 at CUVAS, 11 AM-1PM (PST) International Webinar "Status of Ticks & Ticks-borne disease of Ruminants in Pakistan", Invited Talk Dr. Abdul Jabbar, University of Melbourne, Australia, online on 24-10-2020

2021

- 1- 07-0-2021

Listeria monocytogene from the detection to deep typing: present and new prospective by Dr.

Francesco Pomilio, Dr. Alexandra chia verini, Dr. Maria Elizabetta, Dr. Marina Qureshi, IZSVE, Italy

- 2- 09-07-2021 Vaccines against arthropod borne diseases Speaker Dr. Monica Florm, INATA, Argentina M. Imran Rashid UVAS
- 3- 15-12-2021 International Veterinary Medicine Day National / Local Seminar
- 4- 08-12-2021 Antimicrobial Resistance Week (AMR)

2022

EXTRA QUALIFICATIONS:

- a. Counter Part to **JICA** (Japan International Cooperation Agency).
- b. Community Trainer and Resource person for **F.A.O** (Mithawan Watershed management Project GCP/Pak/083/JPN).
- c. Community Trainer and Resource Person for **NRSP** (National Rural Support Programme).
- d. **Computer skill** (M.S. Word XP, PowerPoint XP, Excel XP, Adobe foto shop, Adob
eAcrobat reader 6, ACD, In page 2000, Corel draw 9).

HONORS:

1. Pro VC, CUVAS
2. Dean, FVS
3. Acting/ lookafter Vice Chancellor, CUVAS
4. Acting Dean, FVS, BZU
5. HEC Approved Supervisor
6. Secretary Conference” National Conference to Improve Red Meat Production” 2010
7. Secretary Departmental technical Committee for Purchase and civil Work for Faculty of Veterinary sciences, BZU, Multan Notification No. gen/P-4/9593 dated 22-12-2011
8. Member Post Graduate Admission Committee Notification No. ad-12/9043 dated 22-08-2014
9. Member Admission Committee 2013-14, 2014-205
10. Secretary Organizing Committee “1st International conference on Zoonoses”, 16-17October, 2014
11. Member Advance Board of Studies of Faculty of Veterinary Sciences, BZU, Multan Notification No. Acad/BOF-Veterin.Sci/12084 Dated 1-12-2014
9. 29th Khwarizimi International Award (KIA) Laureates, Iran (Applicant) 2015

10. Recipient of “*Scientific Engagement Grant*” up to \$1300 USD to attend “17th International Congress on Infectious Diseases” at Hyderabad, India on March 2-5, 2016
2021
11. Expert in Breed characterization of “Mareecha Camel, Jattal Goat and Khadali Sheep” No. SO(P) / L & DD (South Punjab)-012/2021/V/359 Dated: Bahawalpur 03-12-2021
12. Member Board of Studies in Parasitology Faculty of veterinary & Animal Sciences, The Islamia university of Bahawalpur letter No.1108/DOA Dated 30-12-2021
13. Member Board of Faculty, Faculty of Veterinary and Animal Sciences MNS-University of Agriculture, Multan. No. MNS-UAM/DVAS-438 Dated 21-12-2021
14. Member Board of Faculty, Faculty of Veterinary and Animal Sciences MNS-University of Agriculture, Multan. No. MNS-UAM/DVAS-172 Dated 20-05-2021
15. External Reviewer for eligibility for the post of Professor at Labella University of Agriculture, water and marine sciences, Uthal Balochistan. No.LUAWMS/QEC/Reviewer/0761 Dated 16-08-2021
16. Evaluator for post of Professor at MNS-University of Agriculture, Multan. No-MNS-UAM/RO(HR)-Ad-22/1473 Dated 20-08-2021

2022

1. With reference to Notification No. Regr/Admin/56 dated 18-01-2022 Convener of the Fact-finding Committee to resolve the issues regarding Dr. Tariq Mahmood, Assistant Professor, Zoology
2. With reference to Notification No. Regr/Admin/95 dated 27-01-2022 Convener of the Committee to resolve the issues regarding purchase delivery and installation of physical assets.
3. With reference to Notification No. Regr/Admin/172 dated 03-03-2022 Convener of the “Disciplinary/Dispute Committee”
4. With reference to Notification No. Regr/Admin/299 dated 10-05-2022 Convener of the Committee to process Pension, Gratuity, Provident Fund and Benevolent Fund of the CUVAS employees.
5. With reference to Notification No. Regr/Admin/431 dated 26-05-2022 Convener of the Committee for the arrangements of upcoming visit of PVMC at CUVAS.
6. With reference to Notification No. Regr/Admin/438 dated 27-05-2022 Convener of the Fact-finding Committee to resolve the issues regarding Mr. Rameez Abid
7. With reference to Notification No. Regr/Admin/446 dated 01-06-2022 Convener of the Committee develop PC-I of missing facilities & missing civil work of CUVAS for

accreditation from PVMC at CUVAS.

8. With reference to Notification No. Reqr/Admin/449 dated 02-06-2022 Convener of the Committee to unlock the Mess Halls of Boys Hostel II and Girls hostel.
9. With reference to Notification No. Reqr/Admin/448 dated 02-06-2022 Convener of the Selection Committee to conduct interviews against the Cattle Attendant for CUVAS.
10. With reference to Notification No. Reqr/Admin/459 dated 07-06-2022 Co-Opted member of the Admission Committee to look after the admission affairs.
11. With reference to Notification No. Reqr/Admin/520 dated 16-06-2022 Convener of the Committee for Lumpy Skin Disease LSD training schedule to be held on June 21, 2022 at CUVAS.
12. With reference to Notification No. Reqr/Admin/532 dated 22-06-2022 Convener of the purchase Committee for the development project entitled Provision of missing facilities & remaining civil work of CUVAS.
13. With reference to Notification No. Reqr/Admin/551 dated 29-06-2022 Member of the Committee to provide technical services to Mohid Dairy Farm and Al Majeed Cattle Farm at CUVAS.
14. With reference to Notification No. Reqr/Admin/555 dated 29-06-2022 Convener of the Selection Committee for the recruitment of staff under the development project titled Establishment of Research Center for livestock Nutrition and Forage Research at CUVAS.
15. With reference to Notification No. Reqr/Admin/686 dated 18-07-2022, Member of the prevailing Treasurer issues at CUVAS
16. With reference to Notification No. Reqr/ Admin/604 dated 2020 dated 01-09-2020 Convener of the “Industrial Child Quota Committee” for admission at CUVAS.
17. With reference to Notification No. 291/D.S/ Sports 2022 dated 13-09-2022 Convener of the Sports trial Committee for admission at CUVAS.
18. With reference to Notification No. Reqr/Admin/946 dated 16-09-2022 Convener of the Committee for upcoming visit of Chancellors/Governor of Punjab scheduled to be held on Saturday 15th October, 2022 for Inauguration of two buildings, Auditorium Hall and Sports Complex of CUVAS.
19. With reference to Notification No. Reqr/Admin/961 dated 19-09-2022 Convener of the Committee to re-constitute of Purchase Committee.
20. With reference to Notification No. Reqr/Admin/1037 dated 29-09-2022 Convener of the Committee for upcoming visit of Chancellors/Governor of Punjab
21. With reference to Notification No. Reqr/Admin/1073 dated 07-10-2022 the Convener of the Committee for manage the training entitled Technical Assistance for Control and Prevention of Lumpy Skin Disease in Pakistan.
22. With reference to Notification No. Reqr/Admin/1094 dated 11-10-2022 Convener of the Committee for upcoming visit of Chancellors/Governor of Punjab
23. With reference to Notification No. Reqr/Admin/1113 dated 14-10-2022 Convener of the

Purchase Committee for “Establishment of research center/ institute for livestock nutrition and forage research in Cholistan”

24. With reference to Notification No. Regr/Admin/1124 dated 21-10-2022 Convener of Fact-Finding Committee” at incidence at Mosque CUVAS

25. With reference to Notification No. Regr/Admin/1325 dated 21-12-2022 Convener of the Committee for livestock Show and Kissan Conference 2023, to be held on 1st week of March, 2023

26. With reference to Notification No. and dated 15-12-2022 the member of the Committee for ADP (Annual Development Program) formulation 2023-2024 by Secretary L&DD, South Punjab

PROJECTS

AWARDED & COMPLETED

1. **Dr. Muhammad Mazhar Ayaz** P.I and Prof. Dr. Skindar Hayat Co.PI:

Sero-epidemiological survey of trypanosomiasis in camel horses and donkeys of in and around Multan, Punjab.

Awarding agency: Bahauddin Zakariya University, Multan, Pakistan.

2. Prof. Dr. Zafar Iqbal PI and **Dr. Muhammad Mazhar Ayaz** Co. P I: Epidemiological Survey Through Real Time PCR of Cutaneous Leishmaniasis in Humans, Dogs, Rats and Flies of Rajan Pur, D.G. Khan, Layyah and Bakhar Districts of Punjab, Pakistan.

Awarding agency: Higher Education Commission (HEC), Islamabad, Pakistan

Status: Approved.

3. **Dr. Muhammad Mazhar Ayaz** PI: Identification of Ectoparasites in Poultry.

Awarding agency: Directorate of Research, BZU

Status: Completed. 16/04/2013

4. **Dr. Muhammad Mazhar Ayaz** P.I. 2015. Sero-Parasitological ELISA detection of Liver Fluke in Goats of Multan. 2015. Rs. 1,73,600/- Awarded by Directorate of Research and Linkages, Punjab, Pakistan

5. Dr. Muhammad Mazhar Ayaz P.I & Dr. Muhammad Hanif Co-PI. 2016. Screening of Phytochemicals for the control of GIT cestodes (Helminths) infection in small ruminants. Submitted to HEC, Islamabad through ORIC of worth Rs.2.257 million.

SUBMITTED

6. **Dr. Muhammad Mazhar Ayaz** and Prof. Dr. Masood Akhtar. 2014. Real Time PCR

detection of *Cryptosporidium* spp. of animal origin from fresh milk and vegetables grown at animal farm in Multan and D.G. Khan of Southern Punjab. Submitted to HEC under NRPU. Amount 3.617 million rupees

7. **Dr. Muhammad Mazhar Ayaz** P.I and Dr. Rehan Sadiq Sheikh Co.PI. 2015. Experimental Preparation of Gut Associated Protein (GAP) Vaccine against Haemonchiasis to control losses in small ruminants in free pastoral areas of Southern Punjab. Rs. Million 5.88120/- submitted to PARB, Punjab
8. **Dr. Muhammad Mazhar Ayaz** P.I & Dr. Taraneh Oncel Co-PI. 2015. Molecular characterization of *Hepatozoon canis* in dogs from Istanbul, Turkey and Multan, Pakistan; A Parasitological Survey and Capacity building between two countries. A project for PSF and TUBITAK International collaborative work. Submitted to Pakistan Science Foundation (PSF), Islamabad, Pakistan
9. Pak-US collaborative project, HEC and Washington DC, USA
10. PERIDOT Research Program, Pak-French Collaboration, HEC

HOSTING AND INTERVIEWS IN TV SHOWS:

TV and Radio Talks/ Interviews/ Live Programs

Hosting and Interviews on TV Shows:

WASEEB Television shows telecasted during 2010 and aired in more than 35 Countries of World

2010

1. Zamindara
2. Kissan Baithak
3. Sitarun pay kamand

2011

1. Zamindara
2. Kissan Baithak

2012

1. Zamindara
2. Kissan Baithak

2014

1. Zamindara

2. Sawail De Rung (Live Morning TV Program)

For dengue awareness in General Public/ audiences.

“Sawail de Rung” is a morning transmission which is an extremely popular interactive morning show which invites renowned celebrity from different fields of life to come and be a part of your daily dose of entertainment. The viewers can also call in the program and share their views.

ORGANIZING EVENTS/ CONFERENCES

1. Annual Dinner 2010 Invitation Committee
2. National Conference on the Strategies to improve Red meat production in Pakistan, 13th October, 2010.
3. Fancy Bird Exhibition at FVS, BZU, Multan, April, 2011
4. Annual Dinner 2011 Invitation Committee
5. 1st International Conference on Zoonoses 15-16 October, 2014 (Secretary Conference), Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan

MEMBER INTERNATIONAL CONFERENCE COMMITTEE(S)

1. ICE 2015:17th International Conference on Entomology, December 3-4, 2015, Penang, Malaysia.
2. ICE 2018: 20th International Conference on Entomology, Penang, Malaysia December 3 - 4, 2018
3. ICVDTE 2018: 20th International Conference on Veterinary Diagnostic Technologies and Equipments, London, United Kingdom, September 27-28,2018

TECHNICAL MEMBER FOR PUNJAB PUBLIC SERVICE COMMISSION

1. Punjab Public Service Commission,2010.No.PS-FB/PPSC-2010/133 dated 16-11-2010
2. Punjab Public Service Commission, 2012 PS-AA/PPSC-2012/ dated 12-03-2012
3. Punjab Public Service Commission,2012 PPSC-AA-II/2012/01dated 27-03-2012
4. Punjab Public Service Commission, 2016 PS-AA/PPSC-2016/ dated 12-03-2016
5. Punjab Public Service Commission,2016 PPSC-AA-II/2016/01dated 27-03-2016

External Examiner for Other University:

1. External Examiner for Adbul Hai, M. Phil student, Veterinary Parasitology, Supervised by Dr. Masood Akhtar, FVS, University of Agriculture, Faisalabad, 2010. No.2632- 33

dated 05/08/2010

2. Evaluate thesis and conduct Viva voce of Ms Rabia Sadiq at Department of Zoology, Women University Multan on 13/02/2020
3. Evaluate thesis and conduct Viva voce of Ms Iqra Akhtar at Department of Zoology, Women University Multan on 13/02/2020
4. Evaluate thesis and conduct Viva voce of Ms Shagufta Ghafoor at Department of Zoology, Women University Multan on 13/02/2020
5. Evaluate thesis and conduct Viva voce of M. Awais at Department of Zoology, The Islamia University, Bahawalpur on 08/06/2023
6. Evaluate thesis and conduct Viva voce of Maqsood Ahmad at Department of Zoology, The Islamia University, Bahawalpur on 08/06/2023
7. Evaluate thesis and conduct Viva voce of Kashaf Muhsan at Department of Zoology, The Islamia University, Bahawalpur on 08/06/2023
8. Evaluate Ph.D thesis and conduct Viva voce of Nida Saleem at Department of Zoology, The Islamia University, Bahawalpur on 19/08/2025

ADMINISTRATIVE DUTIES

2010

1. Member Post Graduate Admission committee 2010
2. Secretary conference for the strategies to improve red meat production 2010.

2011

Incharge Entomology Laboratory FVS, BZU, Multan

Incharge, Estate and Buildings Faculty of Veterinary Sciences, 2011-14

2013

Assistant Director Student Affairs, 2012-13

Admission committee Undergraduate Program DVM (5 years) 2013

Student Advisor 2013-14

2014

Member Faculty Prospectus Committee for Pathobiology year 2014-2015. No. FVS/D-605/14 dated 25-3-2014.

Member Evaluation/ Technical Scrutiny Committee for FVS. No. FVS/D-971/14 dated 27-5-2014.

Member Board of Faculty in FVS, BZU, letter No. Acad/BoS-BoF/ 730 dated 23-6-2014

Member Technical Scrutiny Committee of FVS, Notification No. Gen/P-4/7619 dated 1-7-2014

Look after of Dean Office in absence of Dean Office Order No. PF/21/Admin/8985 dated 21-08-2014

Member Under graduate & Post Graduate Admission Committee. Notification No.Ad-12/9043/R.S. Dated 22-8-2014

Member Faculty Examination Committee for M.Phil. Notification No. Acad/BoS-Vet.Sci/9385 dated 1-9-2014.

Look after of Dean Office in absence of Dean Office Order No. PF/21/Admin/9794dated 17-09-2014
Secretary Organizing Committee for 1st International conference on Zoonoses, 16-17October, 2014.
Organized by Faculty of Veterinary Sciences, BZU, Multan, Pakistan.

2015

Member Faculty Self-evaluation Report Committee for accreditation of Faculty with PVMC, Notification No. FVS/D-1537/15 dated 27-08-2015

2016

Member Banner Committee in 2nd International Conference on Zoonoses. 2-21October, 2016, FVS, BZU, Multan

Member Faculty Examination Committee for DVM, Internee 2017

ORGANIZING EVENTS/ ANNUAL DINNERS/ SHOWS

2011

1. Fancy Bird Exhibition at FVS, BZU, Multan, April, 2011
2. Annual Dinner , Invitation Committee Minutes of the Meeting dated 25th April, 2011

2020

3. Participated HEC-capacity building workshop for research Grants “Grant capacity building workshop” 2 July – 24 July 2020. “HEC grand challenge fund”“To support Research Excellence in strategic sectors of Pakistan Economy.”
4. Webinar “Microbiome Immunity and Vaccines” Organized by Indian Association of Veterinary Microbiologists, Immunologists and Specialists in infectious Diseases on 30th August, 2020.
5. Rabies Day at CUVAS on 28-09-2020
6. “R for Genomics Statistics Research” Live webinar by Peter Thomson, University of Sydney, Australia The statistical package R: An essential tool for Genomics Research. 12pm on 14-10-2020
7. “PHEC webinar on technology commercialization and problem-solving skills”,forVice Chancellors of University of Punjab by Dr. Naveed Sherwani, CEO of “Si five company” on 14-10-2020.
8. Organizer/Patron of International Webinar “Status of Ticks & Ticks-borne

disease of Ruminants in Pakistan”, Invited Talk Dr. Abdul Jabbar, University of Melbourne, Australia, online on 24-10-2020

9. One Health Seminar and competition on 03-11-2020
10. “One day seminar for Introducing Indigenous Research Resources Development” PASTIC on 18-11-2020
11. Online Participation “mRNA Day” Trilink Biotechnology “M RNA Day 2020, Celebrating the past, present and future of m RNA” on 20-11-2020
12. 14-12-20: BRM Training course by ABM (Association of Bio – Risk management from 14-dec-18-Dec,2020,“Enhancing Veterinary Diagnostic and Research Laboratories capabilities in Pakistan.
13. IESCO meeting online “Project Writing and patent” on 16-17th December, 2020

COLLABORATIVE WORK ACTIVITIES

1. Dr. Taraneh Oncel, Associate Professor, Pendik Veterinary Control Institute, Parasitology Lab., 34890, Pendik, Istanbul, Turkey
2. Dr. Shiv Kumar and J.P. Dubey. USDA, ARS, Animal Parasitic Diseases Laboratory, Beltsville Agricultural Research, USA
3. Yadong Zheng, State Key Laboratory of Veterinary Etiological Biology, Key Laboratory of Veterinary Parasitology of Gansu Province, Lanzhou Veterinary Research Institute, CAAS, Lanzhou 730046, China

INTERNATIONAL REFERENCES

1. Dr. Taraneh Oncel, Associate Professor, Pendik Veterinary Control Institute, Parasitology Lab., 34890, Pendik, Istanbul, Turkey
2. Professor Dr. Domenico Otranto, DVM, PhD, Dip. EVPC, FRES Professor of Parasitic Diseases, Department of Veterinary Medicine University of Bari Str. prov. per Casamassima km 370010 Valenzano (Bari) ITALY Tel +39 080 4679839, fax +39 080 4679837
3. Prof. Dr. Leandero Buffoni Perazzo, Animal Health Department(Parasitology and Parasitic Diseases), Faculty of Veterinary Medicine, University of Cardoba,Campus de Rabanales, Ctra, Madrid-Cadiz, km 396,14014 Cordoba, Spain, email: h12bupel@uco.es Telephone: +34957218722 , Fax: +3495721106
4. Professor Dr. Martin Pfeffer, Institute of Animal Hygiene and Veterinary Public Health.

Faculty of Veterinary Medicine, An den Tierkliniken 1, 04103 Leipzig, Germany

5. Email: pfeffer@vetmed.uni-leipzig.de. Phone: +49(0)3419738150/52, Fax: +49(0)3419738198
6. Yadong Zheng, State Key Laboratory of Veterinary Etiological Biology, Key Laboratory of Veterinary Parasitology of Gansu Province, Lanzhou Veterinary Research Institute, CAAS, Lanzhou 730046, China
7. Dr. Maria Esteve-Gassent, Veterinary Pathobiology, College of Veterinary Medicine and Biomedical Sciences, Texas A&M University VMA316, TAMU-4467, College Station TX-77843, USA, MEsteve-Gassent@cvm.tamu.edu
8. Dr. Oleg Mediannikov at Institut hospitalo-universitaire (IHU) Méditerranée infection, Marseille, France, 19-21 Boulevard Jean Moulin 13385 Marseille cedex5, France, olegusss1@gmail.com
9. Gamamada Liyanage Lalanie Pradeepa Silva (nee Liyanage) Senior Lecturer Department of Animal Science Faculty of Agriculture University of Peradeniya Peradeniya Sri Lanka Tel: +94-(0)81-2395326 Fax: +94-(0)81-2395326 Email: pradeepas@pdn.ac.lk No. 17, University Quarters Prospect Hills, Uda Peradeniya Sri Lanka Tel. +94 (0)81 2387158
10. Maheshika Sandaruwanie Kurukulasuriya No : 18 Ambagahawata Road Pilapitiya Kelaniya Sri Lanka Tel. (Home) : 0094112914992 Tel. (Mobile): 0094714352614 Email: mashisandu@gmail.com

SUMMARY OF PROJECTS (University Level)

S. No.	Title of Project	Status	Funding Agency	Duration of Project	Amount of Project	Current Status of Project

1	Sero epidemiological survey of trypanosomiasis in camel horses and donkeys of in and around Multan, Punjab.	P.I	Bahauddin Zakariya University, Multan, Pakistan.	1 year	Rs.56000/-	Completed
2	Epidemiological Survey Through Real Time PCR Of Cutaneous Leishmaniasis In Humans, Dogs, Rats And Flies of Rajan Pur, D.G. Khan, Layyah And Bakhar Districts Of Punjab, Pakistan.	Co.PI	HEC	3 years	Rs.3.48 Million	Under way
3	Identification of Ectoparasites in Poultry	PI	BZU	1 year	Rs.67000/-	Completed
4	Sero-Coprolological ELISA detection of Liver Flukes in different goat breeds of Multan, Pakistan	PI	BZU	1 year	173000/-	Completed

5	Lactogenic detection of Liver fluke through ELISA in goats	PI	BZU	1 year	158100/-	Completed
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SUBMITTED (National/ International)

S. No.	Title of Project	Status	Funding Agency	Duration of Project	Amount of Project	Current Status of Project
1	Dr. Muhammad Mazhar Ayaz and Prof. Dr. Masood Akhtar. Real Time PCR detection of Cryptosporidium spp. of animal origin from fresh milk and vegetables grown at animal farm in Multan and D.G.Khan of Southern Punjab.	P.I	HEC, Submitted to HEC under NRPU	3 yr	Rs. 3.617 million rupees /-	Submitted

2	Dr. Muhammad Mazhar Ayaz P.I and Dr. Rehan Sadiq Sheikh Co.PI. Experimental Preparation of Gut Associated Protein (GAP) Vaccine against Haemonchiasis to control losses in Small ruminants in free pastoral areas of Southern Punjab	PI	PARB, Punjab	3 yrs	Rs.Million 5.88120/-	submitted to PARB, Punjab
3	Dr. Muhammad Mazhar Ayaz P.I & Dr. Taraneh Oncel Co-PI. 2015. Molecular characterization of <i>Hepatozoon canis</i> in dogs from Istunbul, Turkey and Multan, Pakistan; A Parasitolgical Survey and Capacity building between two countries.	PI	PSF and TUBITAK International collaborative work. Submitted to Pakistan Science Foundation (PSF), Islamabad, Pakistan	3 yr	Rs.3.8 Million Rupees	PSF and TUBITAK International collaborative work. Submitted to Pakistan Science Foundation (PSF), Islamabad, Pakistan

4	Dr. Muhammad Mazhar Ayaz P.I & Dr. Muhammad Hanif Co-PI. 2016. Screening of Phytochemicals for the control of GIT cestodes(Helminth) infection in small ruminants.	PI	HEC, Islamabad	3 yr	Rs.2.257 Million.	Submitted to HEC, Islamabad
5	Muhammad Irfan Ullah and M. Mazhar Ayaz, 2016. Isolation of phenolic compounds from commonly available mushrooms in Pakistan and evaluation of immunomodulatory and antiprotozoal effects in broiler	Co PI	ALP, NARC, Islamabad	3 yrs	Rs. 1.6 Million	Submitted
6	2016. Molecular Characterization and validation of Fasciola hepatica diagnosis in goats through LAMP method	PI	ALP, NARC, Islamabad	3 yrs	Rs.51.95 Million	Submitted

7	Genomaping of Vector role of <i>Ixodes racinus</i> for Rickettsia in dogs and its Whole Genome Sequence (WGS)	PI	American Society of Microbiology (ASM)	3 yrs	\$324,000	Submitted
8	Molecular detection, validation and characterization of Babesia spp. in Water Buffalo (<i>Bubalis bubalis indicus</i>) in Multan, Southern Punjab, Pakistan	PI	Pak-US Collaborative Project	3 yrs	\$499,999	Submitted
9	Molecular Diagnosis and Characterization of Tick-Borne Pathogens (TBPs)in Southern Punjab, Pakistan	PI	Pak-French Collaborative Project	3 yrs	Rs.250,000	Submitted
10	Preparation of micro RNA (miRNA) therapy against <i>Toxocara vitulorum</i> in buffalo	PI	ALP, NARC, Islamabad	3yrs	Rs.7.992Million	Submitted

	calves					
11	Screening of Phytochemicals for the control of GIT cestodes (Helminths) infection in small ruminants	PI	NRPU,HEC, Islamabad, Pakistan	3 yrs	Rs. 4.342630 millions	Awarded
12	Molecular Characterization and validation of Fasciola hepatica diagnosis in goats through LAMP method	PI	Thematic Research Grant, HEC, Islamabad, Pakistan	1 yrs	3.4 million	submitted
13	Potential Screening of Phytochemicals from indigenous plants of Pakistan against Selected Resistant Microbes (Neospora spp., Eimeria maxima, E. tenella, Salmonella spp., and Escherichia coli) of	PI	The Innovative Veterinary Solutions for Antimicrobial Resistance (InnoVet-AMR)/ IDRC/ CRDI, Canada & UK	33 months	1018525 CA\$	Submitted

	Poultry: A Multi-Pronged approach					
14	Epidemiological investigation of haemoprotoan of Cholistani cattle through multiplex real time pcr molecular techniques and screeing of phytocompounds from local floral for its control	PI	PSF		4.6191Mil lions	submitted
15	Development of anti-tick emulsion to control ticks in cattle	PI	Govt. Punjab, Planning and Development Board		1.00475 billions	Submitted
16	“Epidemiological investigation of Haemoprotozoan of Cholistani cattle through multiplex Real Time PCR molecular Technique and Screening of Phyto-compounds from		Research Proposal for PSF Financial Assistance under competitive research program. PSF/CRP/constr m -411		“Budget 4.619 million.	

	local flora for its control					
17	PARB Competition Grant System, “Development of phone application forecasting methodology about Infection disease in Livestock”				Budget 3.4483 million.	
18	PSDP Project “Competition Research Program” CRP PSF/CRP/COVID-19 / cons (20) Title “Screening of specific plant Terpenoids and Lignoids with Antiviral Activities against COVID-19 through hand sanitizer of scrubbing”				Budget :3.89 million	
19	Screening of Specific Plant Terpenoids and Lingnoids possess				Budget :25000 UK pounds	

	potent antiviral activities through humidifier submitted grants BSAC.UK					
20	Rapid Research Grant (RRG) (P.I) “Screening of specific Plant Terpenoids and Lignoids Possess potent antiviral through hand sanitizer.”				Budget: 14.Million	