

BIOGRAPHICAL SKETCH



NAME	POSITION TITLE
Dr. Amjad Islam Aqib (PhD, M.Sc. Hons, DVM) (HEC Approved Supervisor)	Assistant Professor Department of Medicine Cholistan University of Veterinary and Animal Sciences, Bahawalpur-Pakistan.
Email addresses	amjadislamaqib@cuvas.edu.pk (Official) amjadwaseer@gmail.com (Personal)
Researcher IDs	<u>ORCID</u> https://orcid.org/0000-0001-7618-3948 Scopus ID: 57190972427 Web of Science: AAE-6956-2020 Google scholar
Date & Place of Birth	February 8, 1986 (Faisalabad-Punjab)
Marital status	Married
CNIC No.	33104-8577607-1
Mobile No.	+92-343-7474583
Permanent address	Chak# 583 G.B, Jaranwala, District Faisalabad, Punjab-Pakistan
Patent Filed	Subcutaneous Tube Infection Model (STM) (Submitted) Letter No MEDI-705
Publication statistics	Impact Factor=351.3 H-index=28, I-10 index=75, Citations (google scholar)=3014
Reviewer and editorial statistics	Reviewer role: Publisher=12, No. of journals reviewed=30, No.of Manuscript reviewed=60 Editor role: Publisher=05, Journal=10

EDUCATION

INSTITUTION AND LOCATION	DEGREE	YEAR (S)
University of Veterinary and Animal Sciences, Lahore Pakistan	PhD (Veterinary Medicine)	2017
University of Agriculture, Faisalabad -Pakistan	M.Sc. (Hons)	2013
University of Agriculture, Faisalabad -Pakistan	DVM	2010

TEACHING EXPERIENCE (Year 2026 is 9th Year as Assistant Professor)

- **Nov 12, 2018- till present**, Assistant Professor, Department of Medicine, Cholistan Univ Vet & Animal Sci, Bahawalpur
- **Nov 23, 2017-Nov 11, 2018**, Assistant Professor, Department of Clinical Medicine and Surgery, University of Agriculture, Faisalabad

ADMINISTRATIVE EXPERIENCE

- Director ORIC, CUVAS Bahawalpur
- Editor in Chief, Cholistan Journal of Veterinary and Animal Science
- Convener, Book and Manual Project, CUVAS Bahawalpur
- Assistant Director, Advanced Studies, CUVAS Bahawalpur (*Year 2025-continued*)
- Secretary “Ethical Review Committee”, CUVAS Bahawalpur (January 07, 2020-Continued)
- Manager Research Management, CUVAS Bahawalpur (*March 2019- continued*).
- Head of Department of Medicine at CUVAS (03-2020 to 12-2021)
- President One health Club CUVAS Bahawalpur (*Year 2019-continued*)
- Assistant Superintendent (Jinnah Hostel), University of Agriculture, Faisalabad, January 2018-Nov 2018
- Secretary/Member of University Development Office, CUVAS
- Deputy Editor, Veterinary News and Views
- Member of Voluntary Telemedicine Experts Committee
- Member of Selection Committee for the post of Sweeper BPS-01
- Member of Selection Committee for the post of Electrician BPS-03

- Member of Selection Committee for the post of Assistant BPS-16, CUVAS
- Member of Time table Committee for DVM/ BS degree programs
- Member of Committee for the assessment of online classes
- Member of Committee for the scrutinizing applications against post of Assistant Professors (BPS-19) and Lecturers (BPS-18) at CUVAS
- Senior teacher (co-opted by dean) for dispute disciplinary committee

HONORS & AWARDS

1. **LETTER OF APPRECIATION** (dated 16-02-2026) from **ELC Biotechnology Private Limited** for camel community services for uplift of health and production.
2. **Prof. Dr. Abdul Hameed 5th Gold Medal in Applied and Environmental Microbiology** by **Zoological Society of Pakistan** at 8th International Conference on Applied Zoology, 2025.
3. **LETTER OF APPRECIATION** (dated 22-10-2025) from Vice Chancellor CUVAS for Prof. Dr. Abdul Hameed 5th Gold Medal in Applied and Environmental Microbiology (2025).
4. **Award of Travel grant** from Health Security Partner, USA for International Conference on Biosafety and Biosecurity held in Philippine during 7-10 September, 2024
5. **First Position** by achieving highest impact factor in year 2024 research data for faculty
6. **Certificate of Appreciation** (dated 12-07-2024) for Outstanding Contribution as Principal Investigator (PI) in Project (Amelioration of camel udder health through mastitis vaccine and novel antimicrobial combinations) from Cholistan University of Veterinary and Animal Sciences.
7. **First Position** by achieving highest impact factor in five-year (2018-23) research data for faculty
8. **Best Oral Presentation award (3rd position)** 4th One Health International Conference (24-25th Nov-2022) at CVAS Jhang, Pakistan.
9. **First position poster competition** (Winner prize Rs. **50,000**). M.Ijaz, A.Ghaffar, A.Ali, SH Farooqi, YR Khan, AI Aqib. **International Buffalo Congress (IBC 2019)**, 18-19 February 2019 held in Pearl Continental, Lahore-Pakistan.
10. **3rd Position** in all **Pakistan Poster competition on 2nd Annual Bovine Udder Health Symposium** held on November 27, 2019
11. **LETTER OF APPRECIATION** (dated 03-04-2018) from Dean, Faculty of Veterinary Science for **development of post graduate Research Laboratory** during “interim placement of fresh PhDs program of HEC.
12. **Letter of Appreciation** for developing **One Health Research Lab** in Cholistan University of Veterinary and Animal Sciences, Bahwalpur
13. **Letter of Appreciation** for **Amid Development of animal model for drug trials**

14. Letter of Appreciation for developing facilities for center of excellence for Acupuncturist, Yunani Medicine and Ethnoveterinary Merdicine at VTH, CUVAS Bahawalpur (2026)

CERTIFICATES

- Public lecture by COMSTECH on **Microbial biofilm formation and its importance as a drug target** delivered by Prof. Dr. Ute Romling, 28 february 2022
- **COMSTECH, UNESCO and PAS webinar on Open Science**, 10 Maarch 2022
- The Letter of Appreciation, **Collaborate to Resolve Combine to Extend, One health Chart Making**, One Health day 3-10-2020 (organizer)
- **International Poultry Expo-2019** held on 13-14-15 September, Expo Center, Lahore
- The Letter of Appreciation, **Collaborate to Resolve Combine to Extend, One health Week Day**, One Health day 7 to 07-14-2019 (organizer)
- Webinar on **Developing diagnostic frameworks in veterinary medicine**
- **Punjab Sports Festival 2012**
- Certificate of attendance, **International workshop ISO 35001:2019 and ISO7446:2026 Implementation** organized by **Global Health Security and Bioprevail**

AREAS OF INTEREST

- Vaccine development against dairy infectious agents
- Antimicrobial resistance and alternative to antimicrobial (nanoparticles, phytomedicine) against dairy bacteria

PHD THESIS

Development and evaluation of vaccines prepared from *staphylococcus aureus* isolates camel mastitis.

RESEARCH PROJECTS:

1. **Project Title:** Amelioration of camel udder health through mastitis vaccine and novel antimicrobial combinations

Funding Agency: Higher Education Commission

Total Approved amount: 3.4 million PKR

Role: Principle investigator

Status: Completed

2. **Project Title:** *In-vitro* evaluation of antibiotics synergy with non-antibiotics against MDR *S. aureus* isolates of dairy origin

Funding Agency: Higher Education Commission

Total Approved amount: 0.489 million PKR

Role: Principle investigator

Status: Completed

3. **Project Title:** Mechanistic Study of MRSA from Bovine and occupational worker, and its application in field condition

Funding Agency: Pakistan Agriculture Research Council (ALP)

Total Approved amount: 5.99467 million

Role: National Team member

Status: Ongoing

4. **Project Title:** Sero-surveillance, Molecular Characterization and Development of Molecular Diagnostic Technique along with phylogenetic analysis of local isolates of bovine and human Leptospirosis.

Funding Agency: Higher Education Commission

Total Approved amount: 3.174356 million

Role: Research team member

Status: Completed

5. **Project Title:** Prevalence and drug resistance evaluation of fecal parasites in Houbara Bustard

Agency: Deer Breeding and Houbara Research Centre (DBHRC), Lal Suhanra National Park, Bahawalpur

Role: Research Supervisor

COURSES TAUGHT

- Animal Biotechnology
- Biotechnology
- Diagnostic tools in clinical medicine
- Diseases of Mammary glands
- Environmental toxicology
- General and systemic veterinary medicine
- Introduction to Animal Sciences
- Introduction to farm animal health
- Medicine Clinic-I
- Medicine clinic-III
- Medicine clinic-IV
- Nanobiotechnology
- Principles of Biochemistry
- Strategies and Analysis of Drug Trial
- Veterinary preventive medicine-II

ADVISORY

- Consultant meeting in draft veterinary drug prescription guidelines in food animals on August 2022 at Islamabad, **Ministry of National Food Security and Research**
- Consultant meeting for deliberations on key elements of veterinary drug prescription guidelines in food animals on March 3, 2022 at Islamabad, **Ministry of National Food Security and Research**
- Pakistan: Advancing regional contributions to support stand setting organizations in the development of clinical breakpoints for priority bug-drug combinations in the Asia-Pacific region, 29 & 30 November 2022
- **Judge of APOC'21 English Essay Writing**, 27-08-21 (organized by APOC, USAD and Veterinary News & Views)
- Tutor for TGM class **02- Abdul Sattar Edhi, 2021**
- Hands on workshop on **Manuscript writing for publications and publication ethics**, CUVAS (**Instructor**)
- Invited as **Judge of All Pakistan Online Competition** by Advisor APOC, Chief Editor HNV and Team USAB
- Invited as trainer for **hands on workshop of SPSS software** (Department of zoology, GCWU Bahawalpur)

RESOURCE PERSON

1. ***Certificate of Appreciation*** for organizing awareness activities under HEC-NRPU-20-16147 Project (Amelioration of camel udder health through mastitis vaccine and novel antimicrobial combinations) from Cholistan University of Veterinary and Animal Sciences, dated 22-04-2024.
2. ***Certificate of Appreciation*** for organizing in farmer's day under HEC-NRPU-20-16147 Project (Amelioration of camel udder health through mastitis vaccine and novel antimicrobial combinations) from Cholistan University of Veterinary and Animal Sciences, dated 25-04-2025.
3. **"One Day workshop in statistics"**, Department of Theriogenology, University of Agriculture, Faisalabad, Pakistan. Dated **18-06-2021**.
4. ONE DAY WORKSHOP **"APPLICATION OF STATISTICAL PACKAGE FOR THE SOCIAL SCIENCES (SPSS) IN RESEARCH"**. Cholistan University of Veterinary & Animal Sciences, Bahawalpur, organized by Office of Research

Innovation and Commercialization (ORIC), CUVAS-Bahawalpur-Pakistan. April 23, 2019

5. **Biorisk Management in Biological Labs** organized by Department of Microbiology CUVAS and Pakistan Biological safety association, 20 Dec 2019.

EDITORIAL PROFILE:

- **Editor in Chief**, Cholistan Journal of Veterinary and Animal Science
- **Lead Editor, *Vaccines MDPI (Impact Factor, 4.961, Q1)*** special issue “Challenges and Advances in Vaccines against Emerging and Re-emerging Diseases Impacting One Health” 2022-23 https://www.mdpi.com/journal/vaccines/special_issues/83BM4UR1W1
- **Guest Editor, *Evidence-Based Complementary and Alternative Medicine (Impact Factor, 2.65, Q2)*** special issue “Regulation of Redox Signaling in Tumor Immunology, and the Role of Antioxidants” 2022-23 <https://www.hindawi.com/journals/ecam/si/105359/>
- **Guest Editor, *Frontiers in veterinary Science (IF=3.4, Q1)***, Section Infectious disease, topic: Antimicrobials Alternatives for the Prevention and Treatment of Veterinary Infectious Diseases 2022. <https://www.frontiersin.org/research-topics/31526/antimicrobials-alternatives-for-the-prevention-and-treatment-of-veterinary-infectious-diseases#articles>
- Editorial Board Member of **Veterinary Medicine Reports**, an international open-access peer-reviewed journal published by Mediterranean Journals, June 01, 2021.
- Managing Editor: **Pakistan Association of Advancements in Agricultural Sciences (PAKJAS)**
- **Associate Editor, *Oxidative Medicine and Cellular Longevity, Wiley*** ([Editorial Board - Oxidative Medicine and Cellular Longevity - Wiley Online Library](#))
- **Associate Editor**, Pakistan Journal of Veterinary and Animal Research (**PJVAR**) [Home || PJVAR](#)
- **Member Editorial Board, Pakistan Veterinary Journal** (Q1, Impact Factor 3.8) [PAKISTAN VETERINARY JOURNAL](#)
- **Member editorial Board**, Unique Scientific Publisher, Pakistan, [Editorial Board](#)

REVIEWER OF SCIENTIFIC JOURNALS

Publisher s	Journals
DOVE PRESS	Infection and drug resistance
sMDPI (11)	International Journal of Environmental Research and Public Health, Tropical Medicine and Infectious Disease, Biomolecules, Pharmaceuticals, Antibiotics, Water, Life, Administrative Sciences, Medicina, Molecules, Healthcare
FRONTIERS	
Springer nature (12)	BMC Veterinary Research, Food and Bioprocess Technology, BMC Microbiology , Cell Communication and Signaling, Scientific Reports, Archieves of Microbiology
Scopus Preview	
ECRONICON	
Wiley (3)	BioMed Research International, Evidence-Based Complementary and Alternative Medicine, Journal of Applied Toxicology, Oxidative Medicine and Cellular Longetivity, Transboundry and Emerging Diseases
ELSEVIER (05)	Microbial Pathogenesis

REVIEWER OF PROJECT

- Internal Research Grant Proposal Call 2026 at A'Sharqiyah University

SEQUENCES OF BACTERIA

Total Bacterial Strains sequenced = 41

Host	Bacteria	Gene Sequence	No. of Sequences
Camel	<i>S. aureus</i>	SUB15383006 pk1 PV776723	10
		SUB15383006 pk2 PV776724	
		SUB15383006 pk3 PV776725	

		SUB15383006 pk4 PV776726 SUB15383006 pk5 PV776727 SUB15383006 pk6 PV776728 SUB15383006 pk7 PV776729 SUB15383006 pk8 PV776730 SUB15383006 pk9 PV776731 SUB15383006 pk10 PV776732	
Poultry Birds	<i>E. coli</i>	BankIt2974601 EC_1_PK PV841824 BankIt2974601 EC_2_PK PV841825 BankIt2974601 EC_3_PK PV841826 BankIt2974601 EC_4_PK PV841827 BankIt2974601 EC_5_PK PV841828 BankIt2974601 EC_6_PK PV841829 BankIt2974601 EC_7_PK PV841830	7
Houbara bustard	<i>S. aureus</i>	BankIt2977275 HB_S2_PK PV879793 BankIt2977275 HB_S3_PK PV879794 BankIt2977275 HB_S5_ PK PV879795 BankIt2977275 HB_S12_PK PV879796	4
Houbara bustard	<i>E. coli</i>	BankIt2977845 HB_EC2_PK PV879797 BankIt2977845 HB_EC3_PK PV879798 BankIt2977845 HB_ EC6_PK PV879799 BankIt2977845 HB_EC7_PK PV879800	5

		BankIt2977845 HB_EC77_PK PV879801	
Houbara bustard	<i>Salmonella enterica</i>	PV533628 PV533629	2
Human Uterus	<i>E. coli</i>	BankIt3025952 H_U9_PK PX926066 BankIt3025952 H_U11_PK PX926067 BankIt3025952 H_U48_PK PX926068	3
Human Uterus	<i>S. aureus</i>	BankIt3047020 H_U6_PK PX926072 BankIt3047020 H_U7_PK PX926073 BankIt3047020 H_U11_PK PX926074 BankIt3047020 H_U30_PK PX926075	4
Human Vagina	<i>S. aureus</i>	BankIt3047020 H_V27_PK PX926076 BankIt3047020 H_V30_PK PX926077 BankIt3047020 H_V31_PK PX926078	3
Human Vagina	<i>E. coli</i>	BankIt3025952 H_V34_PK PX926069 BankIt3025952 H_V39_PK PX926070 BankIt3025952 H_V41_PK PX926071	3

POST GRADUATE STUDENT SUPERVISION
INTERNATIONAL POST-GRADUATE STUDENTS SUPERVISED

Sr. No.	University/Country name	Thesis title/ Year	Degree/Student name/ Year	Role
1.	Guangxi University Nanning China	Molecular Characterization of <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> Based Bovine Endometritis and Recruitment of Effective Therapeutics	PhD Laiba Shafeeq (2021)	Co-supervisor (International)
2.	College of Veterinary Medicine, Nanjing Agricultural University China	Resistance Modulation of Individual and Polymicrobial Culture of <i>S. aureus</i> and <i>E. coli</i> through Nanoparticle-Coupled Antibiotics	Ms Wen Zhou (ID:17119114) MS Student	Co-supervisor (International)
3.	College of Veterinary Medicine, Nanjing Agricultural University China	Validating Interactions of Pathogenic Proteins of <i>Staphylococcus aureus</i> and <i>E. coli</i> with Phytochemicals of <i>Ziziphus jujube</i> and <i>Acacia nilotica</i>	Mr Song Peng (ID:2020207058) PhD Student	Co-supervisor (International)

NATIONAL STUDENTS SUPERVISED

Sr. No.	Dept/University name	Thesis title	Degree/Student name	Role
1.	Department of Zoology, GSCWU, Bahawalpur	Epidemiology of Microbial Endometritis in Humans and Evaluation of Antimicrobial Potential of Tungsten oxide Nanoparticle Coupled Antibiotics	PhD Saima Talib 2026	Co-supervisor

2.	Department of Veterinary Medicine, University of Veterinary and Animal Sciences, Lahore	Determination of multiple drug resistance against field isolates of vancomycin <i>resistant Staphylococcus aureus</i> from bovine mastitis	<u>M.Phil.</u> Muhammad Umer Javed 2021	Co-supervisor
3.	Department of Clinical Medicine and Surgery University of Agriculture Faisalabad	Prevalence of biofilm producing <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> from dairy origin and their response to antibiotics and zinc microparticles	<u>M.Phil.</u> Fozia Ashraf (2020)	Co-supervisor
4.	Department of Zoology, GSCWU, Bahawalpur	RESISTANCE MODULATION OF MIXED INFECTION BACTERIA (S. AUREUS AND E. COLI) BY NANO-BIOTICS BY USING MILK SAMPLES OF MASTITIS CATTLE	<u>M.Phil.</u> Sana Zia 2023	Co-supervisor
5.	Department of Zoology, GSCWU, Bahawalpur	Molecular Characterization of <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> of Houbara Bustard Bird and Drug Resistance Modulation Through Tungsten Oxide Nanoparticle Coupled Antibiotics	<u>PhD</u> Maham Fatima 2025	Co-supervisor
6.	Department of Biochemistry, CUVAS, Bahawalpur	Investigating the anti-diabetic, anti-depressant, anti-anxiety, anti-oxidant and anti-bacterial effect of <i>Heliotropium curassavicum</i> in alloxin monohydrate induced wister rats	<u>M.Phil.</u> Sofia Kashif (2024)	Co-supervisor

7.	Department of Parasitology, UAF	In vitro evaluation of anthelmintic activity of chemically synthesized iron oxide nanoparticles against <i>Haemonchus contortus</i>	<u>M.Phil.</u> Amna Ahmad 2022	Co-supervisor
8.	Department of Theriogenology, University of Agriculture Faisalabad	Assessment, antibiogram, and resistance modulation of <i>S. aureus</i> isolated from bovine endometritis	<u>M.Phil.</u> Muhammad Ashir Nabeel 2021	Co-supervisor
9.	Department of Clinical Medicine and Surgery University of Agriculture Faisalabad	Prevalence of methicillin resistant <i>Staphylococcus aureus</i> of dairy origin, and Evaluation of antibiotic coated nanoparticles	<u>M.Phil.</u> Fizzah Laeeq Lodhi (2020)	Co-supervisor
10.	Department of Clinical Medicine and Surgery University of Agriculture Faisalabad	Prevalence of multiple drug resistant <i>E. coli</i> of dairy origin, and their response to antibiotic coated nanoparticles	Muhammad Ahsan Anwar (2020)	Co-supervisor
11.	Department of Parasitology, University of Agriculture Faisalabad	Prevalence and associated determinants of gastrointestinal parasites in houbara bustard of district Bahawalpur, Punjab, Pakistan	<u>M.Phil.</u> Gohar Akbar 2021	Co-supervisor
12.	Department of Zoology, CUVAS, Bahawalpur	Epidemiology of multi-drug resistant <i>Salmonella enterica</i> isolated from houbara bustard and resistant modulation through nanocomposite coupled antibiotics	<u>PhD</u> Afshan Muneer 2025	Member

13.	Department of Zoology, CUVAS, Bahawalpur	Purification of enzymes, peptides and glycoprotein as antimicrobial agents from fish skin mucus	<u>PhD</u> Murtaza Manzoor 2025	Member
14.	Department of Zoology, CUVAS, Bahawalpur	Antimicrobial characterization of epidermal mucus of <i>Oreochromis niloticus</i> and <i>Labeo rohita</i>	<u>PhD</u> Iqra Zulfiqar 2025	Member
15.	Department of Clinical Medicine and Surgery University of Agriculture Faisalabad	Comparative efficacy of <i>Aloe vera</i> extracted gel, manuka honey, and nitrofurazone on full thickness burn wound	Muhammad Fakhar-e-Alam Kulyar (2019)	Member
16.	Department of Zoology, CUVAS, Bahawalpur	Epidemiology and antibiotic susceptibility of <i>Staphylococcus aureus</i> and <i>Pseudomonas</i> Sp. isolated from human wounds	<u>M.Phil.</u> Asfa Khan (2024)	Member
17.	Department of Zoology, CUVAS, Bahawalpur	Epidemiology and antibiotic susceptibility of <i>Salmonella</i> Spp. and <i>Escherichia coli</i> isolated from human wounds	<u>M.Phil.</u> Saba Fraz (2024)	Member
18.	Department of Zoology, CUVAS, Bahawalpur	Epidemiology and antibiotic susceptibility of <i>Escherichia coli</i> isolated from milk and milk products	<u>M.Phil.</u> Syeda Zenab Kamran (2025)	Member
19.	Department of Poultry Science, CUVAS, Bahawalpur	Evaluation of Nanoparticle coupled antibiotics against colistin resistant <i>Salmonella</i> in poultry	<u>M.Phil.</u> Saad Ahmad Khan (2025)	Member

20.	Department of Poultry Science, CUVAS, Bahawalpur	Prevalence of colistin resistant <i>E. coli</i> in broilers and its inhibition through nanoparticle coupled antibiotics	<u>M.Phil.</u> Hafiz Mohsin Iftikhar (2025)	Member
21.	Department of Zoology, CUVAS, Bahawalpur	Prevalence of antimicrobial resistant in <i>Escherichia coli</i> isolated from retail fish	<u>M.Phil.</u> Hafiza Zahra Bukhari (2025)	Member
22.	Department of Zoology, CUVAS, Bahawalpur	Molecular epidemiology of MDR and XDR <i>Mycobacterium tuberculosis</i> in Bahawalpur region	<u>M.Phil.</u> Beenish Zahid (2025)	Member
23.	Department of Zoology, CUVAS, Bahawalpur	Prevalence and antibiogram of enteric <i>Salmonella</i> in Hubara bustard of district Bahawalpur, Punjab, Pakistan	<u>M.Phil.</u> Saira Maqbool (2022)	Member
24.	Department of Zoology, CUVAS, Bahawalpur	Examining the efficacy of probiotics in growth performance, microbial fauna and histology of fish <i>Labeo rohita</i>	<u>M.Phil.</u> <u>Fishries & Aquaculture</u> Tehaniat Khaleeq (2023)	Member
25.	Department of Zoology, CUVAS, Bahawalpur	Investigation on the toxicological effects of cefoxitin to fish, <i>Nile tilapia</i>	<u>M.Phil.</u> Muhammad Avais (2022)	Member

26.	Department of Food Science & Technology, CUVAS, Bahawalpur	Evaluation of antibacterial activity of metallic nanoparticles against <i>Staphylococcus aureus</i> isolated from bovine milk	<u>M.Phil.</u> Maria Azam (2022)	Member
27.	Department of Food Science & Technology, CUVAS, Bahawalpur	Exploration of <i>Moringa oleifera</i> extracts as antribacterial and decoction	<u>M.Phil.</u> Qandeel Ashraf (2022)	Member
28.	Department of Food Science & Technology, CUVAS, Bahawalpur	Evaluation of sodium alginate based magnesium oxide nanoparticles and antibiotics against <i>Klebsiella pneumonia</i> and <i>Streptococcus agalactiae</i> isolated from bovine milk	<u>M.Phil.</u> Abdul manan (2022)	Member
29.	Department of Food Science & Technology, CUVAS, Bahawalpur	Evaluation of antibacterial activity of metallic oxide nanoparticles against <i>Streptococcus agalactiae</i> isolated from bovine milk	<u>M.Phil.</u> Naima (2022)	Member
30.	Department of Pathology, CUVAS, Bahawalpur	Evaluation of physiopathological parameters under the effect of nanoparticles coupled antibiotics in <i>Staphylococcus aureus</i> challenged rabbits	<u>M.Phil.</u> Habiba Faraz (2025)	Member
31.	Department of Pathology, CUVAS, Bahawalpur	Amelioration of lead-induced organ toxicity by vitamin C, vitamin E, and <i>Moringa oleifera</i> : a clinico-pathological study	Zahra Shareef (2025)	Member

ONGOING POSTGRADUATE STUDENTS:

M. Phil

05

PhD

02

PUBLICATIONS

JOURNAL PUBLICATIONS

SR.#	Title	Impact Factor	Role	National/international
1.	Hong-cai Ma, Dong-jing Wang, Zhen-jie Yuan, Bin Shi, Zai-han Chen, Ma Zhuo, Jiang-yong Zeng, Amjad Islam Aqib , 2026. Systemic approach for revealing biomarkers of diarrheal microbiome of yaks through Metagenomics sequencing. Microbial Pathogenesis https://doi.org/10.1016/j.micpath.2026.108700	3.9	Co-author	international
2.	Uraiza Noor, Rais Ahmed, Amjad Islam Aqib , Tahir Mahmood Qureshi, Ayesha Qadry, Muhammad Sajid Farooq, Momina Malik, Muhammad Kashif, Abdul Whab Manzoor, Mudassir Ahmad, Rehan Rafique, Shaukat Ali, Shaiza Imran, Khazima Shaukat, Muhammad Waqas Sindhu, 2026. Comparative Analysis of Antimicrobial Resistance Patterns in Staphylococcus Aureus and Escherichia Coli Across the one Health Interface. Journal of Computing & Biomedical Informatics https://doi.org/10.56979/1101/2026/1392	0.00	Co-author	National
3.	Saima Talib; Tasleem Kausar; Amjad Islam Aqib ; Arslan Bashir; Mikhliid H. Almutairi; Muhammad Ashir Nabeel, 2026. Revealing structural and safety profiles of tungsten oxide nanoparticles coupled antibiotics as a potential remedy against S. aureus and E. coli of endometritis. Nanotechnology Reviews (accepted)	6.1	Corresponding	international
4.	Avina Vongpradith,..., Amjad Islam Aqib ,..., Mohammad , 2026. Global burden of enteric infectious diseases, diarrhoeal diseases, and corresponding aetiologies, 1990–2023: a systematic analysis for the Global Burden of Disease Study 2023. The Lancet Infectious Diseases. 10.1016/S1473-3099(26)00194-5	29	Co author	international
5.	Chang Xu; Arooj Fatima; Mahreen Fatima; Amjad Islam Aqib ; Tean Zaheer; Safia Obaidur Rab; Mohd Saeed; Zeeshan Arif; Kun li 2026, Nano-enabled herbal remedies for malaria treatment: A review of recent advances, Life MDPI	3.4	Corresponding author	international

6.	Ling Wang, Xiaohong Zheng, Muhammad Shoib, Jiong Jie He, Amjad Islam Aqib, Whenzhu Guo, Yuzhang Yan, Xiangqian Zhou, Saad Ahmad and Shengyi Wang 2026, Multidimensional evaluation of artemisinin acid against colitis in murine model: Integrating microbiota remodeling, histopathological improvement and inflammation regulation, PVJ	5.4	Co author	international
7.	Fatima M, Kausar T, Aqib AI , Shoaib M, Ataya FS, Daoud MS. Molecular Epidemiology and Resistant Gene Mapping of Bacterial Isolates from Houbara bustards. Curr Microbiol. 2025 Oct 24; 82(12):571. doi: 10.1007/s00284-025-04524-3. PMID: 41134389.	2.60	Corresponding author	international
8.	Tasmia Jahin Mim, Amjad Islam Aqib, Abdullah Al Noman, Aqsa Iqbal, Munaza Aman, Anusha Ahmed Soomro, Saima Talib. 2025. Klebsiella pneumoniae -Induced Pneumonia: Pathogenesis, Immune Interactions, and Antimicrobial Resistance in a Global Context. Research in Microbiology. 104353. https://doi.org/10.1016/j.resmic.2025.104353 .	3.4	Corresponding author	international
9.	Tejan Zaheer, Rao Zahid Abbas, Muhammad Imran Arshad, Kashif Prince, Amjad Islam Aqib, Insights into Epizootiology and farmers' Knowledge, Attitude and Practices of tick infestations in livestock. 2025. Veterinary Parasitology: Regional Studies and Reports. 101332.	1.4	Corresponding author	international
10.	Fatima, Maham, Kausar, Tasleem, Aqib, Amjad Islam , Bashir, Arslan, Shoaib, Muhammad and Ataya, Farid Shokry. "Multifaceted insights into WO ₃ nanoparticle-coupled antibiotics to modulate resistance in enteric pathogens of Houbara bustard birds" <i>Nanotechnology Reviews</i> , vol. 14, no. 1, 2025, pp. 20250219. https://doi.org/10.1515/ntrev-2025-0219	6.10	coauthor	international
11.	Amjad Islam Aqib, Aftab Ahmad Anjum, Zeeshan Arif , Mohsin Khan, Mahreen Fatima, 2025, Mastitis vaccine the need of hour , Animal Biosphere page no. 1-11.	0.00	Corresponding author	National
12.	Zeeshan Arif, Mariam Anjum, Amjad Islam Aqib, Mahreen Fatima, Mohsin Khan, Noor-e-Ali, 2025, <i>Staphylococcus aureus</i> from Camel is Becoming Unleaded Drug-resistant Pathogen , Journal of Zoology and Systematics page no. 24- 32, https://doi.org/10.56946/jzs.v3i2.721	0.00	Co-author	National

13.	Shoaib, M., Hameed, M. F., Aqib, A. I., Wang, W., Wang, Q., Wang, S., & Pu, W. (2025). Emerging threat of antimicrobial resistance determinants and plasmid replicon types acquisition by Escherichia coli of poultry and other food-producing animal origin in China: Local findings with global implications. <i>Poultry Science</i> , 106055.	4.2	Co author	International
14.	Muneer A, Shah SQA, Aqib AI, Ali MM and Ghaffar A 2025. Infection dynamics of Salmonella enterica in Houbara bustard and resistance modulation through nanocomposites coupled antibiotics. Pak Vet J, 45(3): 1311-1320. http://dx.doi.org/10.29261/pakvetj/2025.227	5.4	Corresponding author/Co-author	International
15.	Muneer, A., Xu, C., Shah, S. Q. A., Aqib, A. I., Ali, M. M., Ghaffar, A., ... & Li, K. (2025). Insights into structure, toxicity and antibacterial potential of tungsten oxide–carbon nanocomposites coupled with antibiotics. <i>Scientific Reports</i> , 15(1), 39529.	3.9	Corresponding author/Co-author	international
16.	Ali, N. E., Tariq, N., Naz, G., Abalkhail, A., Kausar, T., Mazhar, I., ... & Khan, N. U. (2025). Rett syndrome: advances in Understanding MeCP2 function, potential gene therapies, and public health implications. <i>Molecular Biology Reports</i> , 52(1), 687.	2.8	Coauthor	International
17.	Ahmad, S., Wang, L., Zhang, J. Y., Haq, S. U., Ling, W., Taqi, M. H., ... & Li, J. (2025). Nature's Dual Arsenal: The Converging Pharmacotherapeutic Properties of Morinda citrifolia (Noni) and Lumbricus rubellus (Red Earthworm). <i>World Journal of Traditional Chinese Medicine</i> , 10-4103.	3.2	Coauthor	International
18.	Zahra Shareef, Afsana Murtaza, Ghousia Fatima, Amjad Islam Aqib , Zahid Manzoor, Muhammad Sibghat Ullah Malik, Hafiz Iftikhar Hussain. 2025. Pharmacological and herbal approach to diabetes mellitus type 2 management: A comparative analysis of conventional therapy and alternative remedy. <i>Annales Pharmaceutiques Françaises</i> .	1.0	Corresponding author	International

	https://doi.org/10.1016/j.pharma.2025.03.002 .			
19.	Shahbaz Ul Haq, Wang Ling, Amjad Islam Aqib , Huang Danmei, Muhammad Tahir Aleem, Mahreen Fatima, Saad Ahmad, Fenfei Gao. 2025 . Exploring the intricacies of antimicrobial resistance: Understanding mechanisms, overcoming challenges, and pioneering innovative solutions, European Journal of Pharmacology. 177511. https://doi.org/10.1016/j.ejphar.2025.177511 .	4.2	Co-author	International
20.	Mahreen Fatima, Amjad Islam Aqib , Habiba Faraz, Namel Talib, Afshan Muneer, Safia Obaidur Rab, Mohd Saeed. 2025 . Neutering pathogens through green synthesized nanoparticles, Microbial Pathogenesis, 203(107495). https://doi.org/10.1016/j.micpath.2025.107495 .	3.3	Equal first author/Corresponding author	International
21.	Qandeel Ashraf, Amjad Islam Aqib , Hamid Majeed, Shahbaz Ul Haq, Muhammad Farrukh Nisar, Muhammad Usman, Afshan Muneer, Saba Batool, Farid S. Ataya. 2024 . Effective synergism of Moringa oleifera with antibiotics, body growth, and decoction replacement. South African Journal of Botany.175: 628-636. https://doi.org/10.1016/j.sajb.2024.10.054	2.7	Corresponding author	International
22.	Muhammad Shoaib, Minjia Tang, Amjad Islam Aqib, Xuejing Zhang, Zhongyong Wu, Yang Wen, Xiao Hou, Jinpeng Xu, Ruochen Hao, Shengyi Wang, Wanxia Pu. 2024 . Dairy farm waste: a potential reservoir of diverse antibiotic resistance and virulence genes in	7.7	Coauthor	International

	aminoglycoside- and beta-lactam-resistant Escherichia coli in Gansu Province, China, Environmental Research. , https://doi.org/10.1016/j.envres.2024.120190			
23.	Chang Xu, Amjad Islam Aqib , Mahreen Fatima, Sadia Muneer, Tean Zaheer, Song Peng, Essam H. Ibrahim, and Kun Li. 2024 . "Deciphering the Potential of Probiotics in Vaccines" Vaccines 12, no. 7: 711. https://doi.org/10.3390/vaccines12070711	5.2	Corresponding author/Equal first author	International
24.	Muhammad Shoaib ... Amjad Islam Aqib ...Wanxia Pu. 2024 . Genomic Characterization of Extended-Spectrum β -Lactamase (ESBL) Producing E. coli Harboring blaOXA-1-catB3-arr-3 Genes Isolated From Dairy Farm Environment in China. https://doi.org/10.1155/2024/3526395 .	3.5	Co-author	International
25.	Ansa Javed, Rabia Azmat, Moazma Batool, Amjad Islam Aqib, Shaik Althaf Hussain, Ayesha Ishtiaq. 2024 .Hepatoprotective potential of sciadopitysin against paraquat induced liver damage in rats. Journal of King Saud University-Science. https://doi.org/10.1016/j.jksus.2024.103328	3.7	Co-author	International
26.	Zukhra Abbasi, Bushra Uzair, Barkat Ali Khan, Farid Menaa, Mohd Saeed, Irfan Ahmad and Amjad Islam Aqib. "Tracking success of interaction of green-synthesized Carbopol nanoemulgel (neomycin-decorated Ag/ZnO nanocomposite) with wound-based MDR bacteria" Nanotechnology Reviews, vol. 13, no. 1, 2024, pp. 20240027. https://doi.org/10.1515/ntrev-2024-	6.1	Corresponding author	International

	0027			
27.	Zia, Sana, Amjad Islam Aqib, Kaushik Pal, Nidhi Asthana, Afshan Muneer, Mahreen Fatima, Tasleem Kausar, Samra Siddiqui, and Safia Obaidur Rab. "Revealing molecular dynamics of nanoparticles antimicrobial activity, toxicities and cope up strategies." <i>Journal of Molecular Structure</i> (2024): 138693.	4.0	Co-Author	International
28.	Saad Ahmad, Amjad Islam Aqib , Muzafar Ghafoor, Muhammad Shoaib, Shahbaz ul Haq, Farid Shokry Ataya, and Li Jianxi. "2024. Drug resistance modulation of dairy MRSA through berberine, artesunate, and quercetin in combination with β -Lactams. Pak Vet J. http://dx.doi.org/10.29261/pakvetj/2024.171	3.8	Corresponding author	National
29.	Arslan Bashir, Shanza Rauf Khan, Amjad Islam Aqib , Laiba Shafique, Farid S. Ataya. 2024 . Multifunctional integration of tungsten oxide (WO ₃) coating: A versatile approach for enhanced performance of antibiotics against single mixed bacterial infections, <i>Microbial Pathogenesis</i> , Volume 189, 2024, 106571, ISSN 0882-4010, https://doi.org/10.1016/j.micpath.2024.106571 .	3.3	Corresponding author/co-author	International
30.	Talib M; Nabeel MA, Haq SU, Waqas MS, Jamil H, Aqib AI , Muneer A, Fouad D, Ataya FS. 2023 . Recent Trends in S. aureus and E. coli-Based Endometritis, and the Therapeutic Evaluation of Sodium Alginate-Based Antibiotics and Nanoparticles. <i>Gels</i> 2023, 9, 0. https://doi.org/10.3390/gels9120000 .	4.6	Corresponding author/co-author	International

31.	Sana Zia; Song Peng; Arslan Bashir;; Amjad Islam Aqib ; Kun Li. 2023 . Resistance Modulation of Individual and Polymicrobial Culture of <i>S. aureus</i> and <i>E. coli</i> through Nanoparticle-Coupled Antibiotics. <i>Biomedicines</i> 2023, 11, 2988. https://doi.org/10.3390/biomedicines11112988	4.7	Corresponding author/co-author	International
32.	Tejan Zaheer, Sana Zia, Kaushik Pal, Amjad Islam Aqib, Mahreen Fatima, Afshan Muneer, Maheen Murtaza, C-Neen Fatima Zaheer, Junaid Sattar & Tasleem Kausar. 2023 . Recent Trends in Nobel Metals and Carbon Dots in the Costume of Hybrid Nano Architecture. https://doi.org/10.1007/s11244-023-01869-6 .	3.6	Co-author	International
33.	Zou, Wen, Iram Hassan, Bushra Akram, Huma Sattar, Awais Altaf, Amjad Islam Aqib , Hassaan Bin Aslam, Mikhlid H. Almutairi, and Kun Li. 2023 . "Validating Interactions of Pathogenic Proteins of <i>Staphylococcus aureus</i> and <i>E. coli</i> with Phytochemicals of <i>Ziziphus jujube</i> and <i>Acacia nilotica</i> " <i>Microorganisms</i> 11, no. 10: 2450. https://doi.org/10.3390/microorganisms11102450	4.5	Co-author	International
34.	Nimra Kirn, Sijia Lu, Amjad Islam Aqib ...Kun Li. 2023 . Annotating susceptibility potential of single, double, tri and tetra mixed infection bacteria against non-beta lactam antibiotics. <i>Pak Vet J</i> . http://dx.doi.org/10.29261/pakvetj/2023.060	2.3	Corresponding author/equal share first author	International
35.	Murtaza, Maheen Murtaza, Amjad Islam Aqib,....Mohd. Saeed. 2023. "Sodium Alginate-Based MgO Nanoparticles Coupled Antibiotics as Safe and Effective Antimicrobial Candidates against <i>Staphylococcus aureus</i> of Houbara Bustard Birds." <i>Biomedicines</i> 11, 1959. https://doi.org/10.3390/	4.7	Corresponding author/equal share first author	International

36.	Muhammad Shoaib, Amjad Islam Aqib ...Muhammad Kashif, Furqan Shafqat. 2023 . MRSA compendium of epidemiology, transmission, pathophysiology, treatment, and prevention within one health framework. Front. Microbiol. Sec. Antimicrobials, Resistance and Chemotherapy.doi: 10.3389/fmicb.2022.1067284	6.064	Corresponding author/equal share first author	International
37.	Manan A, Aqib AI , Shahbaz A, Khan SR, Akram K,Majeed H, Muneer A, Murtaza M, Afrasiab M, Merola C, Niaz K, Ahmad I and Saeed M (2023) Modification of the drug resistance of emerging milk-borne pathogens through sodium alginate-based antibiotics and nanoparticles. Front. Vet. Sci. 10:1130130. doi: 10.3389/fvets.2023.1130130	3.741	Corresponding author	International
38.	Amjad Islam Aqib , Aftab Ahmad Anjum, Md Atiqul Islam, Asad Murtaza and Aziz ur Rehman Recent Global Trends in Vaccinology, Advances and Challenges. Vaccines 2023 , 11, 520. https://doi.org/10.3390/vaccines11030520	7.8	Corresponding author	International
39.	Sana Zia, Amjad Islam Aqib , Afshan Muneer ,Mahreen Fatima, Khazeena Atta, Tasleem Kausar,C-Neen Fatima Zaheer, Irfan Ahmad, Mohd Saeed and Asyia Shafique 2023 . Insights into nanoparticles-induced neurotoxicity and cope up strategies. Front. Neurosci. 17:1127460. doi: 10.3389/fnins.2023.1127460	5.15	Corresponding author	International
40.	Rao Zahid Abbas, Abdullah F Alsayeqh, Amjad Islam Aqib . 2022 . Role of Bacteriophages for Optimized Health and Production of Poultry. Animals 2022, 12(23), 3378; https://doi.org/10.3390/ani12233378 .	3.231	Co-author	International

41.	Muhammad Mushtaq Ahmad, Amjad Islam Aqib* , Umair Mushtaq, Salam A. Ibrahim* , Abdul Rehman, Sadaf Shamim and Muhammad Hamzah Saleem. 2022 . Influence of baking and frying conditions on acrylamide formation in various prepared bakery, snack and fried products. Manuscript ID: 1011384. Front. Nutr. Sec. Food Chemistry. doi: 10.3389/fnut.2022.1011384	6.590	Corresponding author	International
42.	Shahbaz Ul Haq, Ling Wang, Wenzhou Guo, Amjad Islam Aqib ,...Keyuan Chen, Jianping Ling. 2022 . Enhancing Activity of β -lactam and Fluoroquinolones Antibiotics by Artemisinin and its Derivatives against MDR <i>Escherichia. Coli</i> . Front. Vet. Sci. Sec. Comparative and Clinical Medicine. 10.3389/fvets.2022.1048531	3.471	Co-author	International
43.	Amjad Islam Aqib and Abdullah F Alsayeqh. 2022 . Vancomycin Drug Resistance an Emerging Threat to Animal and Public Health. Front. Vet. Sci. Sec. Comparative and Clinical Medicine. 10.3389/fvets.2022.1010728.	3.471	Corresponding author	International
44.	Ali, M., Avais, M., Naheed, R., Jamal, M. A., Hasni, M. S., Ahmad, M., ... & Aqib, A. I. 2022. Synergy in penicillin, cephalosporin, amphenicols, and aminoglycoside against MDR <i>S. aureus</i> of Camel milk. Brazilian Journal of Pharmaceutical Sciences. BJPS-2020-0324.R2)	1.214	Corresponding author	International
45.	Hashaam, Muhammad, Sarmed Ali, Tahreem Khan, Muhammad Salman, Shanza Rauf Khan, Amjad Islam Aqib Wangyuan Yao. 2022 . "Assembly of Smart Microgels and Hybrid Microgels on Graphene Sheets for Catalytic Reduction of Nitroarenes" <i>Catalysts</i> 12,	4.501	Co-author	International

	no. 10: 1172. https://doi.org/10.3390/catal12101172			
46.	Afshan Muneer, Santosh Kumar, Amjad Islam Aqib , ... Ahmad Waseem. 2022. Evaluation of sodium alginate stabilized nanoparticles and antibiotics against drug resistant Escherichia coli isolated from gut of houbara bustard bird. ID 7627759. Oxidative medicine and cellular longevity.	7.31	Corresponding author/equal share	International
47.	Aymen, Naima, Aqib AI, Akram K, Majeed H, Murtaza M, Muneer A and Alsayeqh AF, 2022 . Resistance modulation of dairy milk borne Streptococcus agalactiae and Klebsiella pneumoniae through metallic oxide nanoparticles. Pak Vet J, 42(3): 424-428. http://dx.doi.org/10.29261/pakvetj/2022.052	1.803	Corresponding author/equal share	International
48.	Muhammad Fakhar-e-Alam Kulyar,... Amjad Islam Aqib , Ambreen Ashar*,Kun Li. 2022 Editorial: Antimicrobials Alternatives for the Prevention and Treatment of Veterinary Infectious Disease. Frontiers in veterinary science. 1025150. DOI: 10.3389/fvets.2022.1025150.	3.571	Corresponding author	International
49.	Tang, Minjia.... Aqib Islam Amjad ... Pu, Wanxia. 2022 Effects of different composting methods on antibiotic-resistant bacteria, antibiotic resistance genes, and microbial diversity in dairy cattle manures. Journal of Dairy Science. JDS.2022-22193.	4.034	Co-author	International
50.	Hafiz Muhammad Rizwan..... Amjad Islam Aqib , Muhammad Nadeem. 2022 . A new insight in immunomodulatory impact of botanicals in treating avian coccidiosis. J Parasit Dis (2022). https://doi.org/10.1007/s12639-022-01519-w	0.00	Co-author	International

51.	Tean Zaheer, Mahmoud Kandeel, Rao Zahid Abbas, Shanza Rauf Khan, Tauseef ur Rehman, Amjad Islam Aqib . 2022. Acaricidal Potential and Eco-toxicity of metallic Nano-pesticides against the Hyalomma ticks. Life-1754751. 12, 977. https://doi.org/10.3390/life12070977	3.251	Co-author	International
52.	Tean Zaheer, Muhammad Muddassir Ali, Rao Zahid Abbas, Khazeena Atta, Iqra Amjad, Anum Suleman, Zain Khalid, Amjad Islam Aqib . 2022. Insights into nanopesticides for ticks-the superbugs of livestock. Oxidative Medicine and Cellular Longevity. Article ID 7411481 https://doi.org/10.1155/2022/7411481 .	7.31	Co-author	International
53.	Maria Azam,..... Saddam Hussain ² , Amjad Islam Aqib Sammina Mahmood. 2022 Resistance modulation of Staphylococcus aureus isolates of dairy cattle through metallic oxide nanoparticles. Pakistan Journal of Zoology	0.687	Corresponding author	National
54.	Shoaib M, Aqib AI , Ali MM, Ijaz M, Sattar H, Ghaffar A, Sajid Hasni M, Bhutta ZA, Ashfaq K, Kulyar MF, Pu W. Tracking Infection and Genetic Divergence of Methicillin-Resistant Staphylococcus aureus at Pets, Pet Owners, and Environment Interface. Front Vet Sci. 2022 Jun 2;9:900480. doi: 10.3389/fvets.2022.900480. PMID: 35720840; PMCID: PMC9201917.	3.471	Shared first author/corresponding author	International
55.	A. Rehman, M.T. Javed , M. F. Qamar , A. I. Aqib , I. Ahmed, A. Sikandar, M. K. Rafique, T. Hussain , M. Kashif, M. Riaz, L. Ahmad, M. Nazar & M.F.A. Kulyar. 2022. Serological and molecular identification of Mycobacterium avium subsp. paratuberculosis and associated risks in bovine. S. Afr. J. Anim. Sci. , 52; 177-185 http://dx.doi.org/10.4314/sajas.v52i2.7	0.977	Co-author	International

56.	<u>Amjad Islam Aqib, Iqra Muzammil, Muhammad Aamir Naseer, Muhammad Shoaib, Kashif Prince. 2022.</u> Pathological insights into camel mastitis. Acta Tropica. 106415. https://doi.org/10.1016/j.actatropica.2022.106415	3.222	Principal author/corresponding author	International
57.	Muhammad Fakhar-e-Alam Kulyar, Khurram Ashfaq, Amjad Islam Aqib Yi Wu, Kun Li. 2022. Enhanced healing activity of manuka and nitrofurazone composite in full thickness burn wounds in the rabbit model. Front. Vet. Sci. - Comparative and Clinical Medicine. Rising Stars in Comparative and Clinical Medicine. https://doi.org/10.3389/fvets.2022.875629 .	3.471	Co-author	International
58.	Muhammad Ahsan Anwar, Sidra Aziz, Khurram Ashfaq, Amjad Islam Aqib , Muhammad Shoaib, Muhammad Aamir Naseer, Mughees Aizaz Alvi, Iqra Muzammil, Zeeshan Ahmad Bhutta, Huma Sattar, Arslan Saleem, Tean Zaheer, Fakhara Khanum, Asif Mahmood. 2022. Trends in Frequency, Potential Risks and Antibiogram of E. coli Isolated from Semi-Intensive Dairy Systems. Pak Vet J. http://dx.doi.org/10.29261/pakvetj/2022.018	1.803	Corresponding author	National
59.	Mughees Aizaz Alvi, Li Li,..... Amjad Islam Aqib , Warda Qamar, Ali Hassan, Anum Aizaz Alvi, Azhar Aslam, Bao-Quan Fu, Hong-Bin Yan and Wan-Zhong Jia. 2022. First Comparative Biochemical Profile Analysis of Cystic Fluids of Taenia hydatigena and	1.803	Co-author	National

	Echinococcus granulosus Obtained from Slaughtered Sheep and Goats. Pak Vet J. http://dx.doi.org/10.29261/pakvetj/2022.001			
60.	Hafiz Iftikhar Hussain, Zahid Iqbal, Mujahid Iqbal, Xiuhua Kuang, Yulian Wang, Lingquan Yang, Awais Ihsan, Amjad Islam Aqib, Qari Muhammad Kaleem, Yufeng Gu, Haihong Hao. 2022 . Coexistence of virulence and β -lactamase genes in avian pathogenic <i>Escherichia coli</i> . Microbial Pathogenesis, 163: 105389. https://doi.org/10.1016/j.micpath.2022.105389	3.848	Co-author	International
61.	Muhammad Umar Javed, Muhammad Ijaz, Zahida Fatima, Aftab Ahmad Anjum, Amjad Islam Aqib , Muhammad Muddassir Ali, Abdul Rehman, Arslan Ahmed and Awais Ghaffar. 2021 . Frequency and Antimicrobial Susceptibility of Methicillin and Vancomycin-Resistant Staphylococcus aureus from Bovine Milk. Pak Vet J. http://dx.doi.org/10.29261/pakvetj/2021.060 .	1.321	Co-author	National
62.	Laiba Shafique, Siwen Wu, Amjad Islam Aqib, Muhammad Muddassir Ali, Misbah Ijaz, Muhammad Aamir Naseer, Zaeem Sarwar, Rais Ahmed, Arslan Saleem, Qudratullah, Abdullah Saghir Ahmad, Hongping Pan, Qingyou Liu. 2021 . "Evidence-Based Tracking of MDR <i>E. coli</i> from Bovine Endometritis and Its Elimination by Effective Novel Therapeutics" <i>Antibiotics</i> 10, no. 8: 997. https://doi.org/10.3390/antibiotics10080997	4.639	Corresponding author	International
63.	<u>Zahid Iqbal Hafiz Iftikhar Hussain, Mohamed N.Seleem, Muhammad Abu Bakr Shabbir, Adeel Sattar, Amjad Islam Aqib, Xiuhua Kuang, iAwais Ihsan</u>	3.738	Co-author	International

	<u>Haihong Hao</u> . 2021. RNA-seq-based transcriptome analysis of a cefquinome-treated, highly resistant, and virulent MRSA strain. <u>Microbial Pathogenesis</u> . 2021, 105201. https://doi.org/10.1016/j.micpath.2021.105201			
64.	Muhammad Sajid Hasni, Memona Chaudhary, Muhammad Hasan Mushtaq, Aneela Zameer Durrani, Hamad Bin Rashid, Mahboob Ali, Mehtab Ahmed, Huma Sattar, Amjad Islam Aqib , Hui Zhang. 2021. Active Surveillance and Risk Assessment of Avian Influenza Virus Subtype H9 from Non-Vaccinated Commercial Broilers of Pakistan. <i>Braz. J. Poult. Sci.</i> 23 (03). https://doi.org/10.1590/1806-9061-2020-1392 .	0.826	Co-author	International
65.	Mahboob Ali, Muhammad Avais, Muhammad Ameen Jamal, Muhammad Ijaz, Mamoon Chaudhry, Amjad Islam Aqib , Mumtaz Ali Khan, Mehtab Ahmed, Muhammad Sajid Hasni, Sajid Hameed, Inzmam Ul Haq. 2021. Combating multidrug-resistant <i>Staphylococcus aureus</i> isolated from camel milk with extracts of Eucalyptus globulus and Calotropis procera, and their potential role in modulation of resistance to beta-lactam drugs. <i>Medycyna Weterynaryjna</i> DOI: dx.doi.org/10.21521/mw.6583	0.383	Co-author	International (Impact factor)
66.	Fizzah LaeeqLodhi, Muhammad Ijaz Saleem. Amjad Islam Aqib, Imaad Rasheed, Zafar Iqbal Qureshi, Muhammad Ahsan Anwar, Fozia Ashraf, Shanza Rauf Khan, Huma Jamil, Rabia Fatima, Muhammad Kashif Javaid, IqraMuzammil, Muhammad Aamir Naseer, Muhammad Shoaib, QaisarTanveer. 2021. Bringing resistance modulation to epidemic methicillin resistant <i>S. aureus</i> of dairy through antibiotics coupled metallic oxide nanoparticles.	3.738	Corresponding author	International

	https://doi.org/10.1016/j.micpath.2021.105138			
67.	Sarmed Ali, Sayyed Junaid Ul Hassan Shah, Saba Jamil, Shamsa Bibi, Muhammad Usman Shah, Amjad Islam Aqib, Tean Zaheer, Shanza Rauf Khan, Muhammad Ramzan Saeed Ashraf Janjua. 2021. Zirconium Nanoparticles-Poly (N-isopropylacrylamide-methacrylic acid) Hybrid Microgels Decorated Graphene Sheets for Catalytic Reduction of Organic Pollutants. Chemical Physics Letters. Ahead of Print. Article Number 138915. https://www.sciencedirect.com/science/article/abs/pii/S0009261421005984?via%3Dihub	2.328	Co-author	International
68.	Iqra Muzammil, Muhammad Ijaz Saleem, Amjad Islam Aqib, Ambreen Ashar, Syed Ashar Mahfooz, Sajjad ur Rahman, Muhammad Shoaib, Muhammad Aamir Naseer, Imran Khan Sohrani, Javeed Ahmad, Razaullah Saqi, Fizzah Laeeq Lodhi and Qaisar Tanveer. 2020. <u>Emergence of Pathogenic Strains of Staphylococcus aureus in Goat Milk and Their Comparative Response to Antibiotics</u>. Pakistan Journal of Zoology. Pakistan J. Zool., pp 1-9, 2021. https://dx.doi.org/10.17582/journal.pjz/20191024181008	0.831	Co-author	National
69.	Muhammad Awais, Muhammad Sharif *, Khurram Ashfaq, Amjad Islam Aqib, Alessandro Di Cerbo *, Mahmoud Alagawany. 2021. Effect of yeast-fermented citrus pulp as a protein source on nutrient intake, digestibility, nitrogen balance and in situ digestion kinetics in Nili Ravi buffalo bulls. Manuscript ID: animals-1204696.	2.758	Co-author	International

70.	Hafiz Iftikhar Hussain, Amjad Islam Aqib , Mohamed N. Seleem, Muhammad Abubakar Shabbir, Haihong Hao, Zahid Iqbal, Muhammad Fakhar-e-Alam Kulyar, Tean Zaheer, Kun Li. 2021 . Genetic Basis of Molecular Mechanisms in β -lactam Resistant Gram-negative Bacteria. Microbial Pathogenesis. Manuscript Number: YMPAT-D-21-00158.	3.738	Corresponding author/Co-author	International
71.	Muhammad Saeed, Muhammad S. Khan, Mahmoud Alagawany, Mayada R. Farag, Othman Alqaisi, Amjad I. Aqib , Muhammad Qumar, Faisal Siddique, Mohamed Fawzy Ramadan. 2021 Clove (<i>Syzygium aromaticum</i>) and its phytochemicals in ruminant feed: an updated review. Rendiconti Lincei. Scienze Fisiche e Naturali https://doi.org/10.1007/s12210-021-00985-3	1.627	Co-author	International
72.	Muhammad Aamir Naseer, Amjad Islam Aqib , Ambreen Ashar, Muhammad Ijaz Saleem, Muhammad Shoaib, Muhammad Fakhar-e-Alam Kulyar, Khurram Ashfaq, Zeeshan Ahmad Bhutta and Shagufta Nighat. 2021 . Detection of altered pattern of antibiogram and biofilm character in <i>Staphylococcus aureus</i> isolated from dairy milk. Pakistan J. Zool., vol. 53(1), pp 191-199, 2021, Pakistan J. Zool., pp 1-9, 2020. DOI: https://dx.doi.org/10.17582/journal.pjz/20191203161254	0.831	Corresponding author/Co-author	National
73.	Zeeshan Ahmad Bhutta, Ambreen Ashar, Ashar Mahfooz, Junaaid Ali Khan, Muhammad Ijaz Saleem, Abid Rashid, Amjad Islam Aqib , Muhammad Fakhar-e-Alam Kulyar, Iqra Sarwar, Muhammad Shoaib, Shah Nawaz, Wangyuan Yao. 2021. Enhanced wound healing activity of nano ZnO and nano Curcuma longa in third-degree burn. Applied Nanoscience	3.674	Co-author	International

	https://doi.org/10.1007/s13204-020-01661-y .			
74.	Iqra Sarwar, Ambreen Ashar, Ashar Mahfooz1, Amjad Islam Aqib , Muhammad Ijaz Saleem, Asif Ali Butt, Zeeshan Ahmed Bhutta, Muhammad Shoaib, Muhammad Fakhar-e-Alam Kulyar and Athar Ilyas. 2021 . Evaluation of Antibacterial Potential of Raw Turmeric, Nano-Turmeric, and NSAIDs against MDR <i>Staphylococcus aureus</i> and <i>E. coli</i> Isolated from Animal Wounds. DOI: 10.29261/pakvetj/2021.014	1.318	Co-author	National
75.	Huma Sattar, Sehrish Firyal , Ali Raza Awan, Habib-ur-Rehman , Muhammad Tayyab, Muhammad Sajid Hasni, Muhammad Muddassir Ali, Shagufta Saeed, Tahir Mehmood, Amjad Islam Aqib , Muhammad Hassaan Khan and Muhammad Wasim. 2021 . Genetic Association of Polymorphism and Relative mRNA Expression of Tumor Necrosis Factor-Alpha Gene in Mastitis in Sahiwal Cow. International Journal of Agriculture & Biology. 25:701–708. DOI: 10.17957/IJAB/15.1719	0.822	Co-author	National
76.	Amjad Islam Aqib , Muhammad Saqib, Shanza Rauf Khan, Tanveer Ahmad, Syed Ahsan Raza Shah, Muhammad Aamir Naseer, Muhammad Shoaib, Iqra Sarwar, Muhammad Fakhar-e-Alam Kulyar Zeeshan Ahmad Bhutta, Iqra Muzammil, Tanzeel Riaz, Mumtaz Ali Khan, Mahboob Ali, Khadija Yasmeen. 2021 . Non-steroidal anti-inflammatory drugs, plant extracts, and characterized microparticles to modulate antimicrobial resistance of epidemic <i>mecA</i> positive <i>S. aureus</i> of dairy origin. Applied Nanoscience. 10.1007/s13204-020-01628-z	3.674	First author/co-responding author	International
77.	Teana Zaheer, Muhammad Imran, Kaushik Pal,	3.196	Co-	International

	Muhammad Sohail Sajid, Rao Zahid Abbas, Amjad Islam Aqib , Muhammad Asif Hanif, Shanza Rauf Khan, Muhammad Kasib Khan, Zia ud Din Sindhu, Sajjad ur Rahman. 2021 Synthesis, characterization and acaricidal activity of green-mediated ZnO nanoparticles against <i>Hyalomma</i> ticks. Journal of Molecular Structure.129652 https://doi.org/10.1016/j.molstruc.2020.129652 .		author	
78.	M.Ijaz, A. Ghaffar, A.Ali, S.H Farooqi, Y.R.Khan and A.I.Aqib,2020, Seroprevalence of leptospirosis and its association with reproduction and productive parameters from buffalo population of Rajanpur and Muzaffargarh dsitricts of Pakistan, The J.Anim Plant Sci. 30(1):2020	0.6	Co-author	
79.	Kun Li, Juanjuan Liu, Zhibo Zeng, Muhammad Fakhare-Alam Kulyar , Yaping Wang, Aoyun Li, Zeeshan Ahmad Bhutta, Amjad Islam Aqib, Muhammad Shahzad, Jiakui Li, Desheng Qi. 2020 . The Complete Genome of Probiotic Lactobacillus sakei Derived from Plateau Yak Feces. Genes, 11:1527; doi:10.3390/genes11121527.	3.759	Co-author	International
80.	Muhammad Sharif, Muhammad Hamad Zafar, Sajjad UR- Rahman, Sidra Anam, Khurram Ashfaq, Amjad Islam Aqib . 2020. Isolation and identification of Saccharomyces cerevisiae for fermentation of rice polishing in Livestock feeding. An Acad Bras Cienc 92: e20191140. DOI 10.1590/0001-3765202020191140.	1.820	Corresponding author/Coauthor	International
81.	Muhammad Zaeem Abbas, Khurram Ashfaq, Amjad Islam Aqib , Mughees Aizaz Alvi, Muhammad Haleem Tayyab, Muzafar Ghafoor, Muhammad Usman Naseer, Ali Abbas, Ali Hassan. Incidence of Subclinical Ketosis	0.831	Co-author	National

	and Evaluation of Associated Risk Factors in Early Lactation Dairy Buffaloes of Faisalabad-Pakistan. 2021 . Pakistan Journal of Zoology.			
82.	Muhammad Sharif, Muhammad Hammad Zafar, Amjad Islam Aqib , Muhammad Saeed, Mayada R. Farag, Mahmoud Alagawany. 2021 . Single cell protein: sources, mechanism of production, nutritional value and its uses in aquaculture nutrition. Aquaculture. Volume 531, 73588. https://doi.org/10.1016/j.aquaculture.2020.735885	4.242	Corresponding author/Coauthor	International
83.	Mughees Aizaz Alvi, John A. Ohiolei, Muhammad Saqib, Muhammad Haleem Tayyab, MUHAMMAD UMAR ZAFAR KHAN, Li Li, Amjad Islam Aqib , Ali Hassan, Anum Aizaz Alvi, Warda Qamar, Bao-Quan Fu, Hongbin Yan, Wanzhong Jia. 2020 . First Report on Molecular Characterization of Taenia multiceps Isolates from Sheep and Goats in Faisalabad, Pakistan. Front. Vet. Sci. doi: 10.3389/fvets.2020.594599.	2.245	Co-author	International
84.	Tayyab ur Rahman, Rizwan Aslam, Amjad Islam Aqib , Syed Mashkoor Mohsin Gilani, Asad Manzoor3, Muhammad Shoaib, Muhammad Aamir Naseer3, Ali Hassan, Huma Sattar, Muhammad Fakhar-e-Alam Kulyar, Iqra Muzammil, Wangyuan Yao. 2020 . Phylogeny of hospital acquired MRSA, and its comparative phenotypic clinico-epidemiology with Vancomycin Resistant S. aureus (VRSA). Microbial Pathogenesis. 149. 104537. https://doi.org/10.1016/j.micpath.2020.104537 .	2.914	Corresponding author/Coauthor	International
85.	Muhammad Ahsan Anwar. Amjad Islam Aqib . Khurram Ashfaq, Farrah Deeba. Muhammad Kasib Khan. Shanza Rauf Khan. Iqra Muzammil, Muhammad	2.914	Corresponding author/Coauthor	International

	Shoaib, Muhammad Aamir Naseer, Tanzeel Riaz, Qaisar Tanveer, Masood Sadiq, Fizzah Laeeq Lodhi, Fozia Ashrafa. 2020 . Antimicrobial resistance modulation of MDR <i>E. coli</i> by antibiotic coated ZnO nanoparticles https://doi.org/10.1016/j.micpath.2020.104450		co-author	
86.	Muhammad Shoaib, Sajjad Ur Rahman, Amjad Islam Aqib , Khurram Ashfaq, Ahsan Naveed, Muhammad Fakhar-e-Alam Kulyar, Zeeshan Ahmad Bhutta, Muhammad Salman Younas, Iqra Sarwar, Muhammad Aamir Naseer and Awais Ghaffar. 2020 . Diversified epidemiological pattern and antibiogram of <i>mecA</i> gene in <i>Staphylococcus aureus</i> isolates of pets, pet owners, and environment. Pak Vet J. http://dx.doi.org/10.29261/pakvetj/2020.xxx	1.36	Corresponding author/Co-author	National
87.	Mumtaz Ali Khan, Sher Bahadar Khan ² , Imdad Ullah Khan, Asad Sultan, Rajwali Khan, Muhammad Shahid, Amjad Islam Aqib , Shakirullah Khan, Alam Zeb Khan, Mubbashar Hassan. 2020. The prevalence of <i>Clostridium perfringens</i> in retail meat of Mardan, Pakistan. Turk J Vet Anim Sci. 44: 618-623. doi:10.3906/vet-1907-21.	0.55	Co-author	International
88.	Muhammad Aamir Naseer, Amjad Islam Aqib , Muhammad Shoaib, Iqra Muzammil, Zeeshan Ahmad Bhutta, Iqra Gulzar. 2020. Epidemiology and Antibiotic Susceptibility Profile of Methicillin Sensitive <i>Staphylococcus aureus</i> among Livestock and Pet Animals. Veterinary Science Research. 16-23.1(2) https://doi.org/10.30564/vsr.v2i1.1902	0.00	Corresponding author/Co-author	International
89.	Muqadus Hanif, Saeed Sultan Qasim, Amjad Islam Aqib . 2020 . Trash picker changarh (nomade)	0.00	Corresponding	National

	community transforming to education in livestock enriched country. University of Sindh Journal of Animal Sciences (USJAS). 3 (2): 5-9. https://sujo.usindh.edu.pk/index.php/USJAS/article/view/1265		author/Co-author	
90.	Rais Ahmed, Muhammad Khalid Mansoor, Iftikhar Hussain, Muhammad Saqib, Haleema Sadia, Javed Muhammad, Amjad Islam Aqib , Asma Irshad, Abdul Wahab Manzoor, Kashif Prince, Muhammad Zain Saleem. 2020 . Abattoir based sero-survey of mycobacterium avium subspecies paratuberculosis in Bovines in District Faisalabad. Pakistan J. Zool., vol. 52(1), pp 115-119, 2020. https://dx.doi.org/10.17582/journal.pjz/2020.52.1.115.119	0.790	Co-author	National
91.	Shanza Rauf Khan, Areeba Naeem, Saba Jamil, Amjad Islam Aqib & Muhammad Ramzan Saeed Ashraf Janjua (2019) : Synthesis of manganese–tin oxide microparticles by the solvothermal method and study of application as a catalyst and additive, Environmental Technology, DOI:10.1080/09593330.2019.1660414	1.918	Co-author	International
92.	Shanza Rauf Khan, Sobia Abid, Saba Jamil, Amjad Islam Aqib , Muhammad Naeem Faisal, Muhammad Ramazan Saeed Ashraf Janjua. 2019. Layer by layer assembly of zinc oxide nanotubes and nanoflowers as catalyst for separate and simultaneous catalytic degradation of dyes and fuel additive. Chemistry Select. ChemistrySelect 2019 , 4, 5548–5559. http://dx.doi.org/10.1002/slct.201900645 .	1.505	Co-author	International
93.	Huma Sattar, Sehrish Firyal, Ali Raza Awan, Habib-Ur-Rehman, Muhammad Sajid Hasni, Amjad Islam Aqib .	0.790	Corresponding	National

	2019. Identification of Novel Polymorphisms in Bovine Tumor Necrosis Factor Alpha gene associated with mastitis in Sahiwal cows. Pakistan Journal of Zoology. 51(6), 2373-2376. http://dx.doi.org/10.17582/journal.pjz/2019.51.6.sc2 .		author/Co-author	
94.	Noreen Sarwar, Rais Ahmed, Marya Saadullah, Kamran ullah Khan, Shagufta Kamran, Faisal Ameen Baig, Muhammad Khalid Mansoor, Amjad Islam Aqib , Kashif Prince, Muhammad Zain Saleem, Abdul Whab Manzoor, Haleema Sadia. 2019. Prevalence of Helicobacter pylori infection and its associated diseases in low socio-economic workers in tertiary care hospital of Lahore, Pakistan. Biomedical Letters. 5 (1) 1-6.	0.00	Co-author	National
95.	Mumtaz Ali Khan, Sher Bahadar Khan, Shakoor Ahmad, Irshad Ahmad, Kashif Prince, Asad Ullah, Muhammad Shoaib, Shahid Zaman, Amjad Islam Aqib , Ghazunfar Rashid, Mahboob Ali, Imdad Ullah Khan, Imad Khan, Naimat Ullah, Muhammad Shahid. 2019. Effect of vitamin E supplementation on humoral Immunity following the administration of Enterotoxaemia vaccine in goats. Pakistan J. Zool., vol. 51(6), pp 1-3, 2019. http://dx.doi.org/10.17582/journal.pjz/2019.51.6.sc3	0.790	Co-author	National
96.	Amjad Islam Aqib , Muhammad Fakhar e Alam Kulyar, Khurum Ashfaq, Muhammad Shoaib, Zeeshan Ahmad Bhutta, Rais Ahmed. 2019c. Camel milk insulin: pathophysiological and molecular repository. Trends in Food Science & Technology. 88:497-504. https://doi.org/10.1016/j.tifs.2019.04.009	11.077	Corresponding author/principle author	International
97.	Muhammad Shoaib, Kokab Furqan, Sajjad Ur Rahman, Ahsan Naveed, Amjad Islam Aqib , Muhammad	0.00	Co-author	International

	Fakhar-e-Alam Kulyar, Zeeshan Ahmad Bhutta, Muhammad Salman Younas. 2019 . Detection of rotavirus in sewage and drinking water by Latex agglutination test. International Journal of Scientific and Research Publications. 9 (2); 750-756. DOI: 10.29322/IJSRP.9.02. 2019.p8694.			
98.	Mahboob Ali. Muhammad Luqman Sohail, Muhammad Avaiz, Muhammad Ijaz, Memoona Chaudhary, Riaz Hussain, Amjad Islam Aqib , Naimatullah Khan, Madiha khan, Mumtaz Ali Khan, Mehtab Ahmad, Muhammad Sajid Husni, imran Qaise, Ghazanfar Rashid, Ikramul Haq, Ikramullah Khan. 2019 Epidemiology of subclinical Mastitis (<i>Staphylococcus aureus</i>) in Dromedary Camels (<i>Camelus dromedarius</i>) of Two Distinct Agro-ecological zones of Pakistan. Pakistan journal of zoology 51(2). DOI: 10.17582/journal.pjz/2019.51.2.527.532	0.790	Co-author	National
99.	Muhammad Ijaz, Shahid Hussain Farooqi, Rahmatullah, Amjad Islam Aqib , Sadaqat Ali, Awais Ghaffar, Ahmad Ali and Sehrish Saleem. 2019 . Effect of Diarrhea on Hematocrit and Serum Biochemical Profile in Foals. Pakistan J. Zool., Vol. 51, Iss. 1, pp 383-386. http://dx.doi.org/10.17582/journal.pjz/2019.51.1.SC8 .	0.790	Co-author	National
100.	Khurram Ashfaq, Amjad Islam Aqib , Babar Rashid, Muhammad Asif, Muhammad Fakhar-e-Alam Kulyar, Rana Faisal Naeem, Zeeshan Ahmad Bhutta, Muhammad Shoaib and Asma Hamid. 2019 . Double tail anomaly and surgical intervention. Int J Vet Sci Res 5(2): 069-070. DOI: 10.17352/ijvsr.000043.	0.00	Corresponding author/Co-author	International

101.	Amjad Islam Aqib , Shagufta Nighat, Rais Ahmed, Saba Sana, Muhammad Ameen Jamal, Muhammad Fakhr-e-Alam kulyar, Naimat Ullah Khan ⁵ , Mian Saeed Sarwar, Asif Hussain, Asadullah, Attaur Rahman and Sadeeq ur Rahman. 2018c . Drug susceptibility profile of <i>Staphylococcus aureus</i> isolated from mastitic milk of goats and risk factors associated with goat mastitis in Pakistan. Pakistan J. Zool., vol. 51(1), pp 307-315, 2019. http://dx.doi.org/10.17582/journal.pjz/2019.51.1.307.315	0.790	Corresponding author/Principal-author	National
102.	S Sana, A.A. Anjum, A. Ahmad, M.I. Najeeb, H.F. Majeed, A. Razzaq, S. Ahmad, M. Ahmad, A.I. Aqib and M.A. Ali. Optimization of Culture Conditions for Penicillium Isolated From Soil To Enhance Amylase Production Potential. Pakistan Journal of Science. 70 (2); file:///C:/Users/amjadwaseer/Downloads/PJS-307-5710.pdf .	00	Co-author	National
103.	Shahid Hussain Farooqi, Muhammad Ijaz, Muhammad Imran Rashid, Habib Nabi, Amjad Islam Aqib , Kashif Hussain, Amjad Khan, Syeda Nayab Batool Rizvi, Shakeel Mahmood, Khalid Mehmood, Hui Zhang. 2018 . Molecular Epidemiology of Bovine Anaplasmosis in Khyber Pakhtunkhwa, Pakistan. Tropical Animal Health and Production. pp 1–8 https://doi.org/10.1007/s11250-018-1599-2	0.912	Co-author	International
104.	Kashif Hussain, Muhammad Ijaz, Shahid Hussain Farooqi, Syeda Nayab Batool Rizvi, Ahmad Ali, Awais Ghaffar, Amjad Islam Aqib , Muhammad Kashif Iqbal. Molecular characterization of <i>Clostridium perfringens</i> toxin types and type ‘D’ Multidrug Resistance Profile in	0.813	Co-author	National

	Diarrheic Sheep. Pak Vet J. http://dx.doi.org/10.29261/pakvetj/2018.037			
105.	Amir Iftikhar Malik, Muhammad Ijaz, Tahir Yaqub, Muhammad Avais, Muhammad Zubair Shabbir, Hassaan Bin Aslam, Amjad Islam Aqib , Shahid Hussain Farooqi, Tayyebah Sohail, Awais Ghaffar, Ahmad Ali, Amjad Khan. Sero-epidemiology of bluetongue virus (BTV) infection in sheep and goats of Khyber Pakhtunkhwa province of Pakistan. Acta Tropica xxx (2018) xxx-xxx. https://doi.org/10.1016/j.actatropica.2018.03.010 .	2.218	Co-author	International
106.	Amjad Islam Aqib , Aftab Ahmad Anjum, Muhammad Ijaz, Riaz Hussain, Rais Ahmed, Shahid Hussain Farooqi, Hassan Bin Aslam, Kashif Hussain, Khalid Mehmood, Hui Zhang. 2018b . Development and Evaluation of vaccine against <i>Staphylococcus aureus</i> recovered from naturally occurring mastitis in She-camels. https://doi.org/10.1016/j.micpath.2018.03.003	2.009	Principle author	International
107.	Mahboob Ali, Muhammad Avais, Riaz Hussain, Kashif Prince, Muhammad Ijaz, Mamoon Chaudhry, Sehrish Firyal, Amjad Islam Aqib , Naimat Ullah Khan, Mian Saeed Sarwar, Hazrat Ali, Shahid Hussain Farooqi, Ikramul Haq and Muhammad Sajid Hasni. 2018 . Epidemiology and in vitro Drug Susceptibility of mecA Positive MDR S. aureus from Camel Subclinical Mastitis. Pakistan Journal of Zoology, 50(2), 603 609. DOI: http://dx.doi.org/10.17582/journal.pjz/2018.50.2.603.609 .	0.547	Co-author	National

108.	Ghazunfar Rashid, Muhammad Avas, Syed Saleem Ahmad, Muhammad Hassan Mushtaq, Amjad Islam Aqib , Mahboob Ali, Muhammad Sajid Hasni, Muhammad Asif, Muhammad Adil, Yung Fu Chang, Muhammad Ameen Jamal. 2018 . Comparative efficacy of different antidotes against experimental nitrate intoxication in rabbits. Journal of exotic pet medicine. (https://www.evise.com/co-author/?dgcid=invite_email_coauthorupdate15575063#/JEPM/submission/JEPM_2017_97) . (Accepted)	0.400	Co-author	International
109.	Amjad Islam Aqib , Muhammad Ijaz, Shahid Hussain Farooqi, Rais Ahmed, Muhammad Shoaib, Muhammad Muddassir Ali, Khalid Mehmood, Hui Zhang. 2018 . Emerging discrepancies in conventional and molecular epidemiology of methicillin resistant <i>Staph aureus</i> isolated from bovine milk. Microbial pathogenesis. 116: 38-43. https://doi.org/10.1016/j.micpath.2018.01.005 .	2.009	Principle author	International
110.	Serish Saleem, Muhammad Ijaz, Shahid Farooqi, Muhammad Imran Rashid, Amjad Khan, Awais Masud, Amjad Islam Aqib , Kashif Hussain, Khalid Mehmood. 2018 . First molecular evidence of Equine Granulocytic Anaplasmosis in Pakistan. Acta Tropica, 180:18–25; https://doi.org/10.1016/j.actatropica.2017.12.032	2.218	Co-author	International
111.	Kashif Hussain, Muhammad Ijaz, Aneela Zameer Durrani, Aftab Ahmad Anjum. Shahid Hussain Farooqi, Amjad Islam Aqib . Abdullah Saghir Ahmad. 2018 . Molecular Typing of Clostridium perfringens Toxins (α , β , ϵ , ι) and Type 'A' Multidrug Resistance Profile in Diarrheic Goats in Pakistan. Kafkas Universitesi Veteriner Fakultesi Dergisi. erg. 24 (2): 251-255, DOI: 10.9775/kvfd.2017.18774.	0.418	Co-author	International

112.	Muhammad Ijaz, Syed Nazar Abbas, Shahid Hussain Farooqi, Amjad Islam Aqib , Ghulam Ali Anwar, Abdul Rehman, Muhammad Muddassir Ali, Khalid Mehmood, Amjad Khan. Sero-epidemiology and Hemato-biochemical study of Bovine Leptospirosis in Flood Affected Zone of Pakistan, Acta Tropica 177 (2018) 51–57; http://dx.doi.org/10.1016/j.actatropica.2017.09.032	2.218	Co-author	International
113.	Muhammad Ijaz, Muhammad Arfan Zaman, Fariha Mariam, Shahid Hussain Farooqi, Amjad Islam Aqib , Sehrish Saleem, Awais Ghaffar, Ahamd Ali and Raheela Akhtar. 2018. Prevalence, Hematology and Chemotherapy of Gastrointestinal Helminths in Camels. 38 (1) 81-85. PVJ . http://www.pvj.com.pk/Accepted.htm .	0.813	Co-author	
114.	Kashif Hussain, Muhammad Ijaz, Aneela Zameer Durrani, Aftab Ahmad Anjum, Arshad Ali Nasir, Shahid Hussain Farooqi, Amjad Islam Aqib , Abdullah Sagheer Ahmad. 2018 . Bacterial count and predisposing factors of <i>Clostridium perfringens</i> (targeting CPA gene) infection along with antimicrobial sensitivity in diarrheic sheep in Pakistan. Tropical biomedicine. Tropical Biomedicine 35(2): 434–441.	0.719	Co-author	International
115.	Amjad Islam Aqib , Muhammad Ijaz, Aftab Ahmad Anjum, Muhammad Abdul Rauf Malik, Khalid Mehmood, Shahid Hussain Farooqi, Kashif Hussain. 2017c . <u>Antibiotic susceptibilities and prevalence of Methicillin resistant <i>Staphylococcus aureus</i> (MRSA) isolated from bovine milk in Pakistan</u> . Acta Tropica 176: 168–172. https://doi.org/10.1016/j.actatropica.2017.08.008 .	2.218	Principle author	International

116.	Muhammad Abdul Rauf Malik, Muhammad Ijaz, Amjad Islam Aqib , Shahid Hussain Farooqi, Kashif Hussain. 2017 . The Prevalence and Associated Risk Factors of Coa Gene (Coagulase Positive Staphylococcus aureus) from Bovine Milk. Kafkas Univ Vet Fak Derg, 23(5): 809-815, 2017.DOI: 10.9775/kvfd.2017.17910.	0.418	Co-author	International
117.	Shahid Hussain Farooqi, Muhammad Ijaz, Muhammad Imran Rashid, Amjad Islam Aqib , Zulfiqar Ahmad, Muhammad Hassan Saleem, Kashif Hussain, Saher Islam, Huma Naeem, and Amjad Khan. 2017 . Molecular epidemiology of Babesia bovis in bovine of Khyber Pakhtunkhwa, Pakistan. Pak Vet J. 37(3): 275-280.	0.822	Co-author	National
118.	Shahid Hussain Farooqi, Muhammad Ijaz, Muhammad Hassan Saleem, Muhammad Imran Rashid, Muhammad Oneeb, Amjad Khan, Amjad Islam Aqib and Shakeel Mahmood. 2017 . Distribution of Ixodid tick species and associated risk factors in temporal zones of Khyber Pakhtunkhwa province – Pakistan. 49 (6) 2011-2017. Pak J Zool. DOI: http://dx.doi.org/10.17582/journal.pjz/2017.49.6.2011.2017	0.547	Co-author	National
119.	Shahid Hussain Farooqi, Muhammad Ijaz, Muhammad Hassan Saleem, Muhammad Imran Rashid, Syed Saleem Ahmad, Saher Islam, Amjad Islam Aqib , Amjad Khan, Kashif Hussain and Naimat Ullah Khan. 2017 . Prevalence and Molecular Diagnosis of Theileria annulata in bovine of Three Distinct Zones of Khyber Pakhtunkhwa Province, Pakistan. J Anim & Plant Sci., 27 (6) 1836-1841.	0.422	Co-author	International

120.	Amjad Islam Aqib , Muhammad Ijaz, Aneela Zameer Durrani, Aftab Ahmad Anjum , Riaz Hussain, Saba Sana, Shahid Hussain Farooqi, Kashif Hussain and Syed Saleem Ahmad. 2017b Prevalence and Antibigram of <i>Staphylococcus aureus</i> , a Camel Mastitogen from Pakistan. Pakistan J. Zool., vol. 49(3), pp 861-867, 2017. 10.17582/journal.pjz/2017.49.3.861.867	0.547	Principle author	National
121.	Muhammad Ijaz, Shahid Hussain Farooqi, Amjad Islam Aqib , Painda Bakht, Ahmad Ali, Awais Ghaffar and Sehrish Saleem. Sero-Epidemiology of Bovine Leptospirosis and Associated Risk Factors in a Flood Affected Zone of Pakistan. PVJ. ISSN: 0253-8318 (PRINT), 2074-7764 (ONLINE).	0.813	Co-author	National
122.	Amjad Islam Aqib , Muhammad Ijaz, Riaz Hussain, Aneela Zameer Durrani, Aftab Ahmad Anjum, Arif Rizwan, Saba Sana, Shahid Hussain Farooqi and Kashif Hussain. 2017a. Identification of coagulase gene in <i>staphylococcus aureus</i> isolates recovered from subclinical mastitis in camels. Pak Vet J, 37(2): 160-164.	0.822	Principle author	National
123.	Rais Ahmed, Khushi Muhammad, Masood Rabbani, Muhammad Sarwar Khan, Muhammad Asad Ali, Saira Naureen, Faria Kanwal, Sohail Raza, Amjad Islam Aqib , Haleema Sadia and Yung-Fu Chang. Phylogenetic Analysis of Soil Borne Brucella Species by Targeting Insertion Sequence 711 element in Punjab-Pakistan. International Journal of Agriculture and Biology, 19: 1457–1462. DOI: 10.17957/IJAB/15.0443	0.758	Co-author	National

124.	Muhammad Saeed, Aneela Zameer Durrani, Muhammad Arif Khan, Azhar Maqbool, Muhammad Avais, Muhammad Younus, Amjad Islam Aqib , I Ahmad, Muhammad Ijaz. 2016. <i>Cysticercus bovis</i> induced hemato-biochemical changes in cattle and buffaloes. JAPS, 26 (4); 1187-1190.	0.422	Co-author	National
125.	Aqib, A. I. (2020). Quarterly Report on Infectious Diseases in Southern Punjab (Bahawalpur) of Pakistan. <i>EC Veterinary Science</i> , 5, 01-05.	0.00	Co-author	National
126.	Aqib, A. I. (2019). Alternative therapeutic approach to treat canine demodicosis. <i>EC Veterinary Science</i> , 4, 251-256.	0.00	Co-author	National
127.	Alvi, M. A., Ahmad, S., Aqib, A. I., Tayyab, M. H., Murtaza, A., Ashfaq, K., ... & Ahmed, H. A. (2018). Diagnosing post parturient hemoglobinuria in goat on the basis of hematology, serum biochemistry and treatment response. <i>Matrix Science Medica</i> , 2(2), 34-36.	0.00	Co-author	National
Total Impact factor				351.30

BOOKS

Sr no.	Reference	ISBN/ISSN/DOI
1.	Complementary and Alternative Medicine: Prebiotics and Probiotics. 2024. Shahid Hussain Farooqi, Amjab Islam Aqib , Muhammad Arif Zafar , Tayyaba Akhtar , Naila Ghafoor. Unique Scientific Publishers, Pakistan.	ISBN: 978-969-2201-15-5 https://uniquescientificpublishers.com/wp-content/uploads/2024/prebiotics-and-Probiotics/1-405.pdf

2.	Insights into Drug Resistance in <i>Staphylococcus aureus</i> . 2021. Aqib, A.I. , 2021. Editor IntechOpen publisher. Uk.	ISBN: 978-1-83962-743-9 ISSN: 2631-6188 http://www.intechopen.com/books/insights-into-drug-resistance-in-staphylococcus-aureus
3.	Clinical Vet Guide (domestic Animal Medicine). Editor: Ijaz M. Co-editors: Farooqi, S.H., ... Aqib, A.I. , et al., 2020 . 1 st Ed.,	ISBN#978-969-7517-20-6, 2020
4.	Antimicrobials alternatives for the prevention and treatment of veterinary infectious diseases Editor: Kun Li, Amjad Islam Aqib and Ambreen Ashar	ISBN: 9782832502969

BOOK CHAPTERS:

Sr no.	Reference	ISBN/ISSN/DOI
1.	Shoaib, M., Aqib, A. I. , Naseer, M. A., Bhutta, Z. A., Wanxia, P. U., Tanveer, Q., Muzammil, I., Kulyar, M. F., Younas, M. S., & Hammad, M. (2021). Etiology of Bovine Mastitis. In: Mastitis in Dairy Cattle, Sheep and Goats. IntechOpen. http://dx.doi.org/10.5772/intechopen.98543	ISBN 978-1-83962-743-9.
2.	Muneer, S., Zaheer, T., Ahmad, A., Imran, M., Aqib, A. I. , Zaheer, I., & Arshad, M. I. (2021). Epidemiology, Zoonotic and Reverse Zoonotic Potential of COVID-19. In: SARS-CoV-2 Origin and COVID-19 Pandemic Across the Globe. Editor: Francisco Veas. IntechOpen http://dx.doi.org/10.5772/intechopen.98443	ISBN 978-1-83968-756-3
3.	Aqib, A. I. , Ijaz, M., Shoaib, M., Muzammil, I., Hussain, H. I., Zaheer, T., Ahmed, R., Sarwar, I., Khan, Y. R., & Naseer, M. A. (2021). Staphylococcus aureus and Dairy Udder, In: Insights Into Drug Resistance in Staphylococcus aureus. IntechOpen, DOI: 10.5772/intechopen.95864.. Available from: https://www.intechopen.com/online-first/staphylococcus-aureus-and-dairy-udder	ISBN 978-1-83962-743-9

4.	Aqib, A. I. , Ahmad, A. & Shoukat, N. (2020). Assessment of Factors Affecting Composition and Nutraceutical Properties of Milk from Different Dairy Animals. In: Milk: Nutrition, Consumption, and Health. Editor: Amal Bakr Shori. pp: 1-20. ISBN: 978-1-53618-871-4. Nova Science Publisher, Inc. New York. Milk: Nutrition, Consumption, and Health – Nova Science Publishers (novapublishers.com).	ISBN: 978-1-53618-871-4.
5.	Aqib, A. I. , Ijaz, M., Anjum, A., Kulyar, M., Shoaib, M. & Farooqi, S. (2019). Reconnoitering Milk Constituents of Different Species, Probing and Soliciting Factors to Its Soundness, in: Milk Production, Processing and Marketing, Khalid Javed, IntechOpen, Available from: https://www.intechopen.com/books/milk-production-processing-and-marketing/reconnoitering-milk-constituents-of-different-species-probing-and-soliciting-factors-to-its-soundness .	10.5772/intechopen.82852
6.	Aqib, A. I. , Ijaz, M., Farooqi, S. H., Shoaib, M., Kulyar, M. F. & Yasmeen, K. (2019). Leptospirosis: Rising Nuisance for Cattle and Threat to Public Health. In: Bacterial Cattle Diseases, Kaoud, H. A. E. IntechOpen. Available from: https://www.intechopen.com/books/bacterial-cattle-diseases/leptospirosis-rising-nuisance-for-cattle-and-threat-to-public-health .	10.5772/intechopen.82211
7.	Muzammil, I., Aqib, A. I. , Tanveer, Q., Muzmmal, S., Naseer, M. A. & Tahir, M. (2020). COVID-19 Diagnosis-Myths and Protocols. In: Data Science for covid-19 infection. Elsevier publishers.	http://www.utkukose.com/blog/2020/05/17/our-book-project-data-science-for-covid-19/ ISBN: 978-0-323-90769-9
8.	Aqib, A. I. , Muzammil, I., Tanveer, Q., Zaheer, T. & Mahmood, A. (2020). Key Proteins and Their Roles in COVID-19. In: Coronavirus Disease-19 (COVID-19): A Perspective of New Scenario, Bentham Publishers	https://books.google.com.pk/books?hl=en&lr=&id=v4ZOEAAAQBAJ&oi=fnd&pg=PA72&ots=Fe2veaXbEP&sig=ykvkovJ6Q7PKdMr9pXdLCHhAe24&redir_esc=

		y#v=onepage&q&f=false
9.	Aqib, A. I. , Muzammil, I., Tanveer, Q., Muzammal, S. & Ahmad, A. Differential diagnosis of COVID-19. In: Coronavirus Disease-19 (COVID-19): A Perspective of New Scenario, Bentham Publishers	https://benthambooks.com/future-series-by-subject/medical-sciences/sub-category/anti-infectives-and-infectious-diseases/ ISBN :9781681089072
10.	Ulhaq, I., Basit, A., Ali, I., Hussain, F., Ali, Z., Siddique, F., Ahmed, H., Aqib, A. I. & Rahim, K. Coronavirus Disease-2019 (COVID-19). In: COVID-19: Epidemiology, Biochemistry, and Diagnostics, Bentham Publishers.	https://benthambooks.com/future-series-by-subject/medical-sciences/sub-category/anti-infectives-and-infectious-diseases. ISBN: 9789814998932
11.	Zaheer, T., Imran, M., Aqib, A.I. , Pal, K., Tahir, A., Zaheer, I., Abbas, R.Z., (2021). Key Challenges and Scopes of Biomaterials Commercialization: Therapeutic Delivery. In: Bio-manufactured Nanomaterials. Springer, Cham.	https://doi.org/10.1007/978-3-030-67223-2_15 Online ISBN978-3-030-67223-2
12.	Aqib, A.I. , Muzammil, I., Ahmad, S., Sohail, M.L., Ali, A., Prince, K., Ahmad, A., Sajid, H.A., (2021). Metal Nanoparticles against Bacteria. In: Pal, K., Zaheer, T. (eds) Nanomaterials in the Battle Against Pathogens and Disease Vectors.1 st Ed. Taylor & Francis.	ISBN 9780367647810

13.	Ijaz, M., Aqib, A.I. , Ali, M.M, Chang, Y.F., (2021). Non-metallic Nanoparticles Eliminating Bacteria. In: Pal, K., Zaheer, T. (eds) Nanomaterials in the Battle Against Pathogens and Disease Vectors.1 st Ed. Taylor & Francis.	ISBN 9780367647810
14.	Aqib, A.I. , Zaheer, T., Khan, R.A., Khan, Y.R., Ali, A., Sajid, H.A., Kiran, V., Zaheer, C.F., Nabeel, M.A., (2021). "Neurological Complications of SARS-CoV, MERS-CoV and SARS-CoV-2". In: Niaz, K., Nisar, M.F., & Sajjad, M.S.(eds) "Genetic Diversity of Coronaviruses: SARS-CoV to SARS-CoV-2", volume 3. Bentham publishers.	https://benthambooks.com/future-series-by-subject/life-sciences/sub-category/international-genomics/ ISBN 9789815322200
15.	Aqib, A.I. , Khan, Y.R., Zaheer,T., Khan R.A., Sohail, M.L., Ali,A., Sajid,H.A., Muneer, S., (2021). "Epigenetic Mutations and Coronaviruses". In: Niaz, K., Nisar, M.F., & Sajjad, M.S.(eds) "Genetic Diversity of Coronaviruses: SARS-CoV to SARS-CoV-2", volume 3. Bentham publishers.	https://benthambooks.com/future-series-by-subject/life-sciences/sub-category/genetics-genomics/ ISBN 978-981-5322-19-4
16.	Shoaib, M., Aqib, A.I. , Bhutta, Z.A., Pu,W. Muzammil, I., Naseer, M.A., (2021). Computational Intelligence Based Diagnosis of COVID-19. In: Kose, U., Watanda, J., Doperlioglu, O., & Saucedo, J.A.M., (eds) Computational Intelligence for COVID-19 and Future Pandemic. Springer. Pages 229-255. 10.1007/978-981-16-3783-4	10.1007/978-981-16-3783-4
17.	Aqib, A. I., Wanxia, P., Ijaz, M., Shoaib, M., Nabeel, M. A., & Abbas, M. Z. (2021). STAPHYLOCOCCUS AUREUS: COMMENSAL TO MUTATING PUBLIC HEALTH PATHOGEN. <i>VETERINARY PATHOBIOLOGY & PUBLIC HEALTH</i> , 278.	ISBN: 978-969-2201-00-1

18.	Aqib, A. I., Zaheer, T., Usman, M., Arslan, M., & Atta, K. (2022). Commercialization of Nanovaccines: Utopia or a Reality?. <i>Nanovaccinology as Targeted Therapeutics</i> , 267-282.	Online ISBN:9781119858041
19.	Aqib, A.I. , Shoaib, M., Naseer, M.A., Ahmad, S., Mahmood, M., Siddique, F., Zaheer, T., Mahmood, A., Muzammil, I., (2021). Veterinary Nutraceuticals, Pharmaceuticals and Vaccine. In: Khan, M.S., (eds) <i>Frontiers in Molecular Pharming</i> , 2021, Vol. 1, 321-346. Bentham Publishers.	ISBN (Online) 981-5036-66-3
20.	Kalim., M, Hussain, F., Khan, H., Rahim, K., Shuaib, M., Aqib, A.I., Zhan, J., (2021). Evaluating SARS-CoV-2 entry Pathways. In: <i>Coronaviurs diseases-19 (COVID-19): A perspective of new scenarios</i> . Benthampublishers	https://benthambooks.com/future-series-by-subject/medical-sciences/sub-category/anti-infectives-and-infectious-diseases . ISBN 9789814998932
21.	Farhab, M, Aleem, M.A., Shaukat, S., Qadry, A., Haq, M.Z.U., Ullah, F., Jawad, M., & Aqib, A.I. , (2021). <i>Staphylococcus aureus</i> and the Veterinary Medicine. In: Aqib, A.I., (eds). <i>Insights into drug resistance in Staphylococcus aureus</i> . 2021. DOI: 10.5772/intechopen.100202	978-1-83962-743-9
22.	Amjad Islam Aqib , Muhammad Ijaz, Shahid Hussain Farooqi and Ali Raza (November 5th 2018). <i>Dairy Staphylococcus aureus: Epidemiology, Drug Susceptibilities, Drug Modulation, and Preventive Measures</i> [Working Title], IntechOpen, DOI: 10.5772/intechopen.74552. Available from: https://www.intechopen.com/online-first/dairy-staphylococcus-aureus-epidemiology-drug-susceptibilities-drug-modulation-and-preventive-measur	978-1-78984-593-8
23.	Aqsa Ahmad, Iqra Muzammil, Tariq Munir, Muhammad Aamir Naseer, Amjad Islam Aqib , Muhammad Muddassir	9781003126256

	Ali, Imran Khan Sohrani, Arslan Rasool, Ibrahim Hakki Cigerci, Muhammad Imran Arshad. 2022 . Metallic and Non-metallic Nanoparticles against Viruses. In: Nanomaterials in the Battle Against Pathogens and Disease Vectors. Eds.Kaushik Pal, Tean Zaheer. 1 st Ed. CRC press. <u>Metallic and Non-metallic Nanoparticles against Viruses Aqsa Ahmad, (taylorfrancis.com)</u>	
24.	Haq IU, Fayyaz F, Shafqat AS, Basit A, Hussain F, Aziz I, Khan ZI, Aqib AI, Siddique F, Younas U, Rahim K. 2023. Chapter 1 Natural products and SARS-CoV-2. <i>Application of Natural Products in SARS-CoV-2</i> . https://doi.org/10.1016/B978-0-323-95047-3.00021-6	ISBN 978-0-323-95047-3
25.	Muneer A, Zia S, Zaheer T, Abbas RZ, Fatima M, Nawaz A, Aqib AI, Rehman TU, Imran M. 2023. Benefits, Future Prospective, and Problem Associated with the Use of Nanopesticides. In: Bachheti, R.K., Bachheti, A., Husen, A. (eds) Nanomaterials for Environmental and Agricultural Sectors. Smart Nanomaterials Technology. Springer, Singapore. https://doi.org/10.1007/978-981-99-2874-3_9	ISBN: 978-981-99-2876-7
26.	Zaheer T, Muneer A, Aqib AI, Pal K, Murtaza M, Fatima M, Saad M, Prince K. 2023. Concluding Remarks on Target Nanomedicine: Present and Future Aspects. In: Pal, K. (eds) Nanovaccinology. Springer, Cham. https://doi.org/10.1007/978-3-031-35395-6_19	ISBN: 978-3-031-35397-0
27.	Aqib AI, Fatima M, Pal K, Zia S, Arslan M, Shafiq A, Sattar J, Zaheer T, Kausar T. 2023. Diversities of Various Nanomaterials-Based Vaccines for Healthcare Applications. In: Pal, K. (eds) Nanovaccinology. Springer, Cham. https://doi.org/10.1007/978-3-031-35395-6_1	ISBN: 978-3-031-35394-9
28.	Aqib AI, Fatima M, Muneer A, Atta K, Arslan M, Zaheer CF, Muneer S, Murtaza M. 2023. Explainable artificial intelligence (XAI) in the verterinary and animal science field, In: (eds.) Utku Kose, Deepak Gupta, Xi Chen. <i>Explainable Artificial Intelligence for Biomedical Applications</i> . ISBN. 9781032629353. https://doi.org/10.1201/9781032629353 River Publishers	ISBN. 9781032629353

29.	Raza A, Saher AS, Mehmood K, Aqib AI and Li K, 2024. Use of nanoparticles to compete drugs resistant against emerging disease agents. In: Rubio VGG, Khan A, Altaf S, Saeed Z and Qamar W (eds), Complementary and Alternative Medicine: Nanotechnology-I. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 60-68. https://doi.org/10.47278/book.CAM/2024.030	ISBN 9789692201193
30.	Fatima, M., Munawar, S. H., Manzoor, Z., Waqas, Y., Rafiq, M., Islam, A., ... & Khan, Z, 2024. Methicillin-Resistant S. aureus: An Overlooked Threat to Livestock Production.in: Complementary and Alternative Medicine: Non-Conventional Therapies, Unique Scientific Publishers	https://uniquescientificpublishers.com/wp-content/uploads/2024/non-conventional-therapies/107-115.pdf ISBN 978-969-2201-23-0
31.	Amjad Islam Aqib , Mahreen Fatima, Afshan Muneer, Maheen Murtaza, Sana Zia, Tasleem Kausar, Saima Talib, Maham Fatima, Asyia Shafique, 3D printing for orthopaedic surgery. Editor(s): Ma Qian, Md Enamul Hoque, R. Kumar, Ian Gibson, In: Additive Manufacturing Materials and Technologies, 3D Printing for Biomedical Engineering, Elsevier, 2026, Pages 355-381.	ISBN 9780443161001 https://doi.org/10.1016/B978-0-443-16100-1.00015-1
32.	Talib S, Noreen S, Liaquat M, Aqib AI , Kausar T, Fatima M, Sattar SA, Zubair S, Kashif M and Sofia, 2024. Essential oils: potential therapeutic compounds for one health. In: Zafar MA, Abbas RZ, Imran M, Tahir S and Qamar W (eds), Complementary and Alternative Medicine: Essential oils. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 1-12.	https://doi.org/10.47278/book.CAM/2024.056
33.	Zubair S, Iqbal B, Aqib AI , Talib S, Fatima M, Kausar T, Amjad N, Ishaque U, Ijaz M and Nazir A, 2024. Potential insights of nutraceuticals in optimized farm. In: Abbas RZ, Akhtar T, Asrar R, Khan AMA and Saeed Z (eds), Complementary and Alternative Medicine: Feed Additives. Unique Scientific Publishers, Faisalabad, Pakistan, pp: 171-185.	https://doi.org/10.47278/book.CAM/2024.055
34.	Ijaz, M. U., Hayat, M. F., Imran, M., Fatima, M., Muneer, S., Aqib, A. I., & Zaheer, T. Nanotechnology in Livestock and Animal Health. 2025. Agricultural Nanotechnology: Applications and Industry Trends	https://doi.org/10.1039/9781837677313-00345

35.	Rafiq, M., Waqas, M. Y., Tahir, M. F., Aqib, A. I., Dilawar, M., & Nisar, M. F. History of SARS-CoV-2. 2025. <i>Genetic Diversity of Coronaviruses: From SARSCoV to SARS-CoV-2–(Part 2)</i> , 58. bentham science publisher	DOI: 10.2174/9789815322194125010006
36.	Ulhaq, I., Basit, A., Hussain, F., Humayun, M., Younas, U., Ali, S., ... & Rahim, K. Landscape of Host Genetic Factors Correlating with SARS-CoV-2. 2025. <i>Genetic Diversity of Coronaviruses: From SARSCoV to SARS-CoV-2–(Part 2)</i> , 127., bentham science publisher	DOI: 10.2174/9789815322194125010010
37.	Aqib, A. I., Zaheer, T., Khan, R. L., Razzaq, Y., Khan, A. A., Sajid, H. A., ... & Nabeel, M. A. Neurological Complications of SARS-CoV, MERS-CoV, and SARS-CoV-2. 2025. <i>Genetic Diversity of Coronaviruses: From SARSCoV to SARS-CoV-2–(Part 2)</i> , 182. bentham science publisher	DOI: 10.2174/9789815322194125010012
38.	Fatima, M., Tariq, I., Tariq, A., Talib, S., Fatima, M., Shehzadi, M., & Aqib, A. I. Pharmacogenomics and CRISPR-based therapies. <i>Progress in brain research</i> , 297, 319-343. 2025. Elsevier	DOI: 10.1016/bs.pbr.2025.08.009
39.	Fatima, M., Fatima, A., Aqib, A. I., Tariq, A., & Tariq, I. 2025. Data Management and Privacy. In: <i>Digital Transformation and XAI in Healthcare</i> (pp. 70-86). CRC Press.	DOI: 10.1201/9781003605416-5

EDITORIAL COLUMNS/CONCEPTUAL PAPERS:

1. **Amjad Islam Aqib** and Maham Ali. “Role of Nanoparticles in Antimicrobial Resistance Modulation”. *EC Veterinary Science* 4.8 (2019): 653-655.
2. **Amjad Islam Aqib** and Iqra Muzammil. “Cytokine and Oxidative Stress, Indicator of Mastitis”. *EC Veterinary Science* 5.4 (2020): 60-61.
3. **Amjad Islam Aqib** and Huda Ahmad. “Role of NSAIDs in Modulation in Resistance of Multi-Drug Resistant *Staphylococcus aureus*”. *EC Veterinary Science* 4.5 (2019): 294.

POPULAR PRESS ARTICALS:

1. Babesiosis-an omnipresent animal malaise, article of interest for clinician and researchers. Muhammad Asjad, Maham Ali, Huda Ahmad, Dr. Amjad Islam Aqib. 24-31March, **2019**.page 10, issue 20. Veterinary News and Views (Weekly), Faisalabad.
2. Antibiotic Use should be cartel. Amjad Islam Aqib, Muhammad Tahir Sarfraz Khan, Muhammad Muneeb, Arslan Mehmood, Muhammad Kashif. 24-31March, **2019**.page 10, issue 20. Veterinary News and Views (Weekly), Faisalabad.
3. First *Staphylococcus aureus* camel mastitis vaccine successfully experimented (A step to leash emerging multiple drug resistant pathogen). 16-13 June 2018.The veterinary News and Views
4. Leptospirosis Needs Immediate Attention as Zoonotic Bovine Animal Disease. THE PAKISTAN TIMES. Dated 28-april-2017
5. CAMEL MILK-AN OVERLOOKED BLESSING. The Nation. Dated 07-oct-2016. <http://nation.com.pk/lahore/07-Oct-2016/camel-milk-an-overlooked-blessing>

ABSTRACTS PUBLISHED

1. Zeeshan Arif, Syed Qaswar Ali Shah, Mohsin Khan, Fatima Sabir, **Amjad Islam Aqib**, 5 Rs of Antimicrobial Stewardship. 2025. 8TH International Conference on Applied Zoology (ICAZ 2025).
2. Maham Fatima, Saima Talib, **Amjad Islam Aqib**, Fatima Sabir, Mohsin Khan, Zeeshan Arif, Unusual bacterial patterns in context of prevalence and drug resistant in Houbara Bustard. 2025. 8TH International Conference on Applied Zoology (ICAZ 2025).
3. Mohsin Khan, Zeeshan Arif, Fatima Sabir, **Amjad Islam Aqib**, Maham Fatima, Saima Talib, Brucellosis in camels, an overlooked zoonosis. 2025. 8TH International Conference on Applied Zoology (ICAZ 2025).
4. Saima Talib, Maham Fatima, **Amjad Islam Aqib**, Tasleem Kausar, Fatima Sabir, Mohsin Khan, Zeeshan Arif, Bacterial endometritis, A rising global concern in reproductive medicines. 2025. 8TH International Conference on Applied Zoology (ICAZ 2025).
5. **Amjad Islam Aqib**, Nimra Kiran, Zeeshan Arif, Saima Talib, Maham Fatima, Fatima Sabir, Mohsin Khan, Evaluate polymicrobial response rather than use of combination of antimicrobials in susceptibility trials, an evidence-based conclusion. 2025. 8TH International Conference on Applied Zoology (ICAZ 2025).

6. Fatima Sabir, Zeeshan Arif, Mohsin Khan, Saima Talib, Maham Fatima, **Amjad Islam Aqib**, Lumpy Skin Disease. 2025. 8TH International Conference on Applied Zoology (ICAZ 2025).
7. **Amjad Islam Aqib**. Recent trends in antimicrobial resistance and strategies to cope with challenges. 1st International Conference on Transboundary Diseases of Animals and Public Health (1st IC-TD&PH-23).
8. **Amjad Islam Aqib**, Mehreen Fatima, Afshan Muneer, Tasleem Kausar, Sana Zia. 2022. **Role of non-conventional antibacterial candidates against emerging. Pathogens**. 24-25 November, 2022, 4th One Health International Conference, CVAS, Jhang. Page 42
9. Murtaza Manzoor, Huma Naz, **Amjad Islam Aqib**, Tanveer Ahmed, Muhammad Usman, Muhammad Umer Ijaz, Syed Qaswar Ali Shah, Shakeela Parveen, 2022, Assesment of of Ampicillin effects on behavior, enzyme activity and histology of *Labeo rohita*, ICAZ, 2022
10. **Amjad Islam Aqib**, Muhammad Shoib, Iqra Muzammil, Noreen Ahmad, Muhammad Zeeshan Ahmad Bhutta, Muhammad Fakhr-e-Alam Kulyar, Afshan Muneer, Maheen Murtaza, 2022, MRSA: Retrospective and prospective compendium of epidemiology, pathology, genomics and proteomic analysis, treatment and prevention, 4th international conference on emerging trends in bioinformatics and biosciences September 15-17, 2022
11. Abdul mannan, **Amjad Islam Aqib**, Kashif Akram, Hamid Majeed, Maheen Murtaza, Afshan Muneer Modification of drug resistance of milk-born pathogens through sodium alginate- based antibiotics and nanoparticles, 2022, 4th international conference on emerging trends in bioinformatics and biosciences September 15-17, 2022
12. Nimra Kiran, Kashif Akram, **Amjad Islam Aqib**, Hamid Majeed, Afshan Muneer, Maheen Muretaza, Syed Qaswar Ali Shah 2022, *Evaluation of antibiotics against single and mixed infection of bacteria isolated from bovine milk*, 5th international conference on applied zoology 17-18 october 2022
13. Sana Zia, Tasleem Kausar, **Amjad Islam Aqib**, Nadia Noureen, Afshan Muneer, Syed Qaswar Ali Shah, 2022, *Application of nanobiotics in biomedical research*, 5th international conference on applied zoology 17-18 october 2022
14. Mahreen Fatima*¹, Sana Zia², Afshan Muneer³, **Amjad Islam Aqib**⁴. **Environmental Change as Determinants of Polycystic Ovarian Syndrome** 4th One Health International Conference, CVAS, Jhang.
15. M. Ijaz, S. H. Farooqi, **Amjad Islam Aqib**, K. Hussain, and A. Khan. Molecular epidemiology of bovine anaplasmosis in Khyber Pakhtunkhwa Province of Pakistan. J. Dairy Sci. Vol. 101, suppl. 2.
16. ¹Maheen Murtaza, ¹Afshan Muneer, ²**Amjad Islam Aqib**, ³Arslan Saleem, ⁴Ahmad Waseem, ⁵Mahreen Fatima. 2022 Potential insights in the life of houbara bustard,

- threatened species 4th International Conference on Emerging Trends in Bioinformatics & Biosciences
17. Muhammad Muddassir Ali, Komal Ashraf, Muhammad Ijaz, Raheela Akhtar, Sehrish faryal, Mehek Gul, Khalid Mehmood, **Amjad Islam Aqib**, Sadia Nawaz , Muhammad Salman Ali Taseer. Genotoxic Assessment in Trace Mineral Deficient Patients. International Conference on Biological and Health Sciences. page 200. ISBN 978-625-409-647. Online 26-28 February, 2021.
 18. Qureshi, M.A., Noreen, H., **Aqib, A.I.**, Ain, Q.U., Bashir, M., Jan, Hassan, S., M., Rafiq, M., Nisar, M.F., (2021). Antimicrobial potential of *Leptadenia pyrotechnia* against various pathogenic bacterial and fungal strains. International conference on interdisciplinary innovation and invention in biochemistry and nanotechnology (IIIBN-2021). P-IIIBN-22), P:64 The Women University Multan, Pakistan. 24-26, November 2021.
 19. M Riaz, **AI Aqib**, SH Raza, MI Mustafa and G Muhammad. 2013. The replacement of non-leguminous fodder and concentrate with leguminous fodder (*Medicago sativa*) in sahiwas heifers' growth performance. Proc 2nd Int Workshop Dairy Sci Park, Nov 18-20, 2013; UnivAgric, Peshawar, Pakistan pp.96-97 (**Abstract published**)
 20. Amna, A., Imran, M., Sajid, M.S., **Aqib, A.I.**, Sindhu, Z., Siddique, A., (2021). Fish borne Parasitic Zoonosis: Major food safety concern. 1st International conference on research in biological sciences, 26th September. Pp. 08
 21. Amna, A., Imran, M., Sajid, M.S., **Aqib, A.I.**, Sindhu, Z., Siddique, A., (2021). Probiotic therapy: an emerging managemental strategy for parasitic diseases. 4th International conference on applied zoology. P—9/ICAZ-2021: pp-110. November 24-25.
 22. Hafiz Iftikhar Hussain, Mujahid Iqbal, **Amjad Islam Aqib**, Syed Zahid Ali Shah, Haihong Hao, (2020). Zoonotic threat of Antibiotic resistant and virulent avian pathogenic *Escherichia coli*. Virtual One Health International Conference November 25-26, 2020: pp 148-174.
 23. Shagufta Nighat, **Amjad Islam Aqib**, Rais Ahmad, Saba Sana, Muhammad Ameen Jamal, Muhammad Fakhar-e-Alam Kulyar, (2018). Drug susceptibility against coagulase negative *Staphylococci* isolated from goat milk. Proceedings of the “International Conference on Dairy Animal Health Challenges” January 17-18, 2018.
 24. M. Ijaz, Shahid Hussain Farooqi, **Amjad Islam Aqib** and Kashif Hussain. Prevalence and Molecular Diagnosis of Theileria annulata in bovine from three distinct zones of Khyber Pakhtunkhwa Province, Pakistan. 26th International Conference of the World Association for the Advancement of Veterinary Parasitology. 4th-8th September 2017, **Kualalampur, Malaysia.**
 25. Camel Milk; A blessing to Public health hazard in the form of mastitis- Review. **Amjad Islam Aqib**, Muhammad Ijaz, Shahid Hussain Farooqi, Mahboob Ali, Painda Bakht, Maria Azmat, Sehrish Saleem, Awais Ghaffar, Ahmad Ali, Usman Ghani and Madiha

Khan. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & animal Sciences (CVAS) Jhang on November 13-15, 2017. page 183.

26. Mahboob Ali, Muhammad Avais, **Amjad Islam Aqib**, Mamoona Chaudhary, Muhammad Ijaz, Muhammad Sajid Hasni, Shahid Hussain Farooqi, Ikramul Haq. Emerging Public health concern MDR *S. aureus* from camel milk, and its response to drug therapies. One Health International Conference (OHC-2017). Department of Pathobiology, College of Veterinary & animal Sciences (CVAS) Jhang on November 13-15, 2017. page 180
27. **AI Aqib**, M Ijaz, AZ Durrani, AA Anjum, R Hussain, S Sana, SH Farooqi. 2015. Prevalence and antibiogram of staphylococcus aureus mastitis in camel from Pakistan. Proc 37th Food Safety Conference, PCSIR labs, Lahore (**Abstract Published**)
28. Qandeel Ashraf, Hamid Majeed, **Amjad Islam Aqib**, Kashif Akram, Muhammad Farrukh Nisar, Muhammad Rafiq, Muhammad Usman, Afshan Muneer, Maheen Murtaza, Saba Batool. Exploring nutraceuticals of *Moringa oliefera* leave extracts (MOE) through oxidative stress, impact on body growth, public acceptability, and synergism with antibiotics. PARB. UVAS.

COURSES COMPLETED

- Excel fundamental for data analysis (Coursera)
- Data analytic essentials (Coursera)
- Data analysis with phyton (Coursera)
- 02 days refresher course on Biorisk Management (Association for Biorisk Management + CUVAS)

INTERNATIONAL/ NATIONAL CONFERENCES:

1. **BSP Biotechnology Congress 2025 & National Dialogue Biotechnology:** Biotechnology for Climate Change and Food Security (16-18 December, 2025). Centre of Agricultural Biochemistry and Biotechnology (CABB), Agricultural Biotechnology Research Institute, AARI, Faisalabad (**Guest Speaker**).
2. International Conference on **Applied Zoology** organized by Applied Zoological Society of Pakistan (AZSP), Department of Zoology, Punjab University, 2025. (**Oral Presentation**)

3. 1st International Conference on **Transboundry Diseases of Animal and Public Health** (1st IC-TD & PH 23) Organized by Shaheed Benazir Bhtto UVAS Sakarand **(Participant)**
4. International conference on **Health Security**, March 14-15, 2023 Lahore, Pakistan (**Speaker+Organizer**)
5. 3rd International Conference on **Dermal Science-ICDS -2023** on 13 and 14 October UAF.**(Participant)**
6. 39th **All Pakistan Science Conference**, 7-8 November 2022, UVAS Lahore **(Participant)**
7. International multidisciplinary conference on **Innovation in biochemistry, veterinary medicine & pharmacology**. December 6-7, 2022, CUVAS **(organizer)**
8. **One Health International Conference (OHIC-2022)**, College of Veterinary & animal Sciences (CVAS) Jhang, November 24-25, 2022. **(Oral Presentation)**
9. 39th **All Pakistan International Science Conference on Emerging Health Issues in Pakistan**, 14-15 December 2022, UVAS Lahore **(Participant)**
10. The Belt and Road International Academic Conference on **Animal Health Breeding and Disease Prevention** Online (China), 30-12-2022 **(Oral Presentation)**
11. International E-Conference on **Listeria monocytogenes from the detection to deep typing : present and new perspective**, July7, 2021 (CUVAS+Istuto Zooprofilattico Sperimetales, dell' Abruzzo e del Molise G.CaporAale, Italy **(Participant)**
12. International Conference on **Sustainable Bioeconomy in Livestock and Crop Production (ICSBLCP-2021)**, (**Oral Presenter**)
13. 1st national Conference on **Microbiology Infectious Diseases and Health Safety**. Department of Microbiology, University of Swabi, Swabi-KPK-Pakistan, 4-5th April 2019 **(Oral presentation)**
14. 5th International Conference on **Environmental Horizons**. Department of Chemistry, University of Karachi, Pakistan. January 11-13, 2019. **(Participant)**
15. **International Buffalo Congress (IBC-2019)**. University of Veterinary and Animal Sciences, Lahore, Pakistan. February 18-19, 2019. **(Posterr + Oral presentation)**
16. Two days International Conference on “**Dairy Animal Health Challenges (DAHC-2018)**”. 17-18, January 2018. Faculty of Veterinary Science, University of Agriculture, Faisalabad, Pakistan. **(Participant)**
17. 3rd international conference on **Emerging Trends in Engineering, Management & Sciences (ICETEMS-2018)**, Karakoram International University (KIU), Gilgit. November 10-11, 2018.**(Participant)**

18. National Conference on **Cutting-Edge Techniques in Molecular Research**, 12th March 2015 (University of Veterinary and Animal sciences, Lahore) **(Participant)**
19. 37th All Pakistan Science Conference on “**Food Safety and Security Challenges in Pakistan**”, Pakistan Association for the Advancement of Science in collaboration with Pakistan Council of Scientific and Industrial Research (PCSIR) Labs. Firozpur Road, Lahore. 16-17 November 2015. **(Oral presentation)**
20. **Livestock & Dairy Development Role of Social Sector and Rural Community in Pakistan** at UVAS Lahore (December 16-18, 2014), HRRD 6th Annual Conference
21. International Conference on **Precision Breeding and Intelligent Farming of Animals**, 27th and 28th November, Foshan, China **(Oral Presenter)**

SYMPOSIUM ATTENDED:

1. 4th International Symposium on **Advances in Molecular Biology of Plants and Health Sciences**, December 23-24, 2021 (Oral Presenter)
2. One Day International Symposium on **Zoonotic Diseases of Camel**, November 7, 2019, Department of Parasitology and ORIC, CUVAS
3. **2nd Annual Bovine Udder Health Symposium**, November 27, 2019, UVAS Lahore (Poster Presentation)
4. Symposium on **Global Challenges of antimicrobial resistance**, 15 November 2018, organized by GC University Faisalabad and American Society for Microbiology
5. trainings, (UVAS & Society of Animal Reproduction of Pakistan)

HANDS ON WORKSHOP

- 1- **International workshop ISO 35001:2019 and ISO7446:2026 Implementation** organized by **Global Health Security and BioPrevail** (23-06-26)
- 2- International workshop on **Shipping infectious substances and diagnostic specimens**, 3-4 september, 2024 (Manila, Philippines)
- 3- Workshop on **17th APBA Annual Biorisk Conference** in conjunction with **BRAP7th Annual Convention and 5th International Forum Pre-convention Workshop**, september 3-4, 24 (Quezon city, Philippines) (participant+poster presentation)
- 4- One day workshop on **Awareness raising seminar for animal handlers on the prevention of congo fever**, 9 June 2024, Health security Partners, MC Hall Choubara, Layyah (speaker)

- 5- Online workshop on **Cancer Genetics**, 21-22 and 24 March 2022(COMSTECH,ICCBS and SIREN)
- 6- 3 days workshop on **Use of technological tools for scientific research writing**, 6-7 april 2021
- 7- One day workshop on **Use of Quantum Geographic Information Systems for Disease Mapping**, March 21, 2020, ORIC,CUVAS
- 8- 1st international workshop on **Biodiversity: Techniques & Tools** as part of **Exhibition on Biodiversity Conservation of Cholistan Camel**, 04-05-19, Department of Zoology, CUVAS
- 9- One day workshop on **Application of SAS Statistical techniques in animal production and veterinary science**, 2nd May 2019, Department of Livestock Management CUVAS
- 10- 3 days workshop on **“In-service competency training for young faculty”** held in Cholistan University of Veterinary and Animal Sciences, Bahawalpur organized by Center for Educational Policy and Administration, UVAS Lahore, 28-30 january 2019
- 11- 2 days workshop on **“In-service competency training for young faculty”** held in Cholistan University of Veterinary and Animal Sciences, Bahawalpur organized by Center for Educational Policy and Administration, UVAS Lahore, 25-26 april 2019
- 12- 2nd International Workshop on **Dairy Science Park**, 18-20 November 2013 (University of Agriculture, Peshawar)
- 13- Two days national workshop on **Scientific proposal Writing** 19-20 February 2015 (University of Veterinary and Animal sciences, Lahore)
- 14- National workshop on **Advanced Diagnostics in Parasitology** 13th -14th November, 2015 (University of Veterinary and Animal sciences, Lahore)
- 15- One day international workshop on **Electrophysiology** (21st November, 2014, University of Veterinary and Animal sciences, Lahore)
- 16- One day national workshop on **ENDNOTE WRITING MANUSCRIPT** (4th December, 2014, University of Veterinary and Animal sciences, Lahore)
- 17- One day national workshop on **INFORMATICS (MICROSOFT OFFICE) FOR WRITING MANUSCRIPTS**, 3rd December, 2014 (University of Veterinary and Animal sciences, Lahore)
- 18- One day training workshop on **METHODS USED IN DOG STERILIZATION**, 21 August 2014 (University of Veterinary and Animal sciences, Lahore)
- 19- Workshop on **Use of endnotes**, 2nd April 2014 (University of Veterinary and Animal sciences, Lahore)

20- Personal Reliability Workshop (NIH, PBSA, LLC)

INTERNATIONAL TRAINING

1. International training workshop on traditional Chinese veterinary medicine and techniques, 08-27 June 2019, Lanzhou, China.
2. **“2026 Achieving Data Quality & Integrity in Maximum Containment Laboratories”** (Apr 20-24, 2026)

NATIONAL TRAININGS

1. 2 days training on Safeguarding Academic Ingenuity’ Mastering Intellectual Rights, april 25-26, 2024 (Punjab higher education commission)
2. One week Training workshop on **Data Analysis With R**, July 17-21, 2023, CUVAS
3. 75 days Virtual Training on **Biorisk Management** (15 march to 01 june, 2021)
4. One Day Training Workshop on **Reproductive Ultrasonography of Small Ruminants**. 10 March, 2021, Department of Theriogenogy, CUVAS
5. 01 day training on **Key performance indicators and HEC policy on ORIC-2021**, 08-02-2022, CUVAS
6. Two-days Training of **Presiding Officers and Sr.Assitant Presiding Officers-GE2018**, 11-12 july 2018 (Govt Cresent Model H/SS Fsd)
7. Training on **“Bioassays for Exploration of Bioactives”**, 20 March 2018 (Department of Chemistry, University of Agriculture, Faisalabad)
8. Hands on training on **Real time PCR**, 17-18 septrember 2014(Quality Operation Laboratory)
9. Training on **Elisa Based Diagnosis of Bovine Brucellosis**, 19-20 September, 2014 (University of Veterinary and Animal sciences, Lahore)
10. Short Training on **Basic Molecular Biology Techniques’**, 8-10 July, 2014 (University of Veterinary and Animal sciences, Lahore)
11. Hands on training on **COMPLEMENT FIXATION TEST**, 9-10 April 2014 (University of Veterinary and Animal sciences, Lahore)
12. Training on **Clinico-Pathological Investigation of Field Diseases**, 3rd April 2014 (University of Veterinary and Animal sciences, Lahore)
13. 5 days Virtual Training on **Biorisk Management** at Microbiology lab, CUVAS

MEMBERSHIP OF LEARNED SOCIETIES:

1. Registered Veterinary Medical Practitioner (RVMP), Pakistan Veterinary Medical Council, Islamabad, Pakistan
2. Pakistan Biological Safety Association (Lifetime member ID 1423)
3. American Society for Microbiology (2021)
4. American Society for Microbiology (2022)
5. ALUMNI, University of veterinary and Animal Sciences Lahore
6. British Society for Parasitology (Membership No. 9461)

SPORTS AND GAMES

- Cricket (2nd position in Punjab Youth Festival)
- Badminton

DATA ANALYSIS SOFTWARES:

- IBM SPSS (Proficient trainer)
- MINITAB (Proficient trainer)
- PYTHON (Beginner)
- GraphPad Prism (Proficient trainer)
- R Language (Beginner)

COMPUTER SKILLS:

- Command on computer based statistical programs (SPSS, Minitab)
- Competent user of Microsoft packages including PowerPoint, Word and Excel
- Typing speed of 40 wpm
- Internet Surfing

LABORATORY SKILLS:

- Molecular diagnostics PCR, RT-PCR, qPCR, sequencing
- Nanoparticles formulation
- Electrophoresis, SDS-PAGE, blotting assays
- NMR
- Cryo-EM
- Serological assays (ELISA, IHA, CFT)
- Antibiotic susceptibility assays
- Histo-pathological staining
- Cell culture
- Biofilm detection assays

PERSONALITY IN OBJECTIVE

- Passion in proposal designing
- Professional articles write up
- Dedicated with task
- Love peace and spread ease
- Love to work in team
- Individuality to survive odds
- Self-motivated
- Punctuality toward responsibilities
- Addicted to timely completion of tasks
- Consistency and persistency in attitude
- Uplift of morale of team members and juniors

REFERENCES

- **Prof. Dr. Muhammad Ijaz/PhD Supervisor**
Professor
Department of Clinical Medicine and Surgery
UVAS, Lahore
Mob: +92 333 6255049
Email: mijaz@uvas.edu.pk
- **Dr. Muhammad Salman Waqas**
Diplomate ACT, Fulbrighter, Veterinarian, Comparative Theriogenologist
Washington State University
Pullman, United States
salman.waqas@wsu.edu
- **Dr. Omer Naseer**
Chairman, Department of Medicine,
Director Office of Innovation and Commercialization
Cholistan University of Veterinary and Animal Sciences, Bahawalpur-Pakistan
omernaseer@cuvas.edu.pk
Mob: +923216408956