

ALI AHMAD SHEIKH

S/O. Sheikh Riaz Ahmad

Date of Birth: January 03, 1979

Passport No. CL5193634

ali.ahmad@uvas.edu.pkContact No. +92-3004243648**EDUCATIONAL QUALIFICATIONS:**

University/College	Degree/Diploma	Division/CGPA	Year
University of Veterinary & Animal Sciences, Lahore	PhD	FIRST	2004-2010
University of Veterinary & Animal Sciences, Lahore	MSc (Hons)	FIRST	2000-2003
College of Veterinary Sciences University of Agriculture, Faisalabad	DVM	FIRST	1996-2000

POSTGRADUATE RESEARCH:

Ph. D. Thesis (Year)	University	Title
Microbiology (2010)	University of Veterinary & Animal Sciences, Lahore	Isolation and Molecular Characterization of Antimicrobial Resistant <i>E. coli</i> Isolated from Retail Meats

RESEARCH COMPLETED AT:

Agriculture and Agri-Food, AB, Canada

M.Sc (Hons) Thesis (Year)	University	Title
Microbiology (2003)	University of Veterinary & Animal Sciences, Lahore	Passive Immunization of <i>Pasteurella multocida</i> Infected Rabbits.

EMPLOYMENT RECORD:

Position	Where Employed/Worked	Duration	Experience
Professor (Tenured)	University Diagnostic Lab, Faculty of Veterinary Science, University of Veterinary & Animal Sciences (UVAS), Lahore	January 18, 2022 till to date	Continue
Associate Professor (Tenured)	University Diagnostic Lab, Faculty of Veterinary Science, University of Veterinary & Animal Sciences (UVAS), Lahore	January 18, 2018 to January 17, 2022	04 Years
Assistant Professor of Veterinary Disease Diagnostics (TTS)	University Diagnostic Lab, Faculty of Veterinary Science, University of Veterinary & Animal Sciences (UVAS), Lahore	January 18, 2012 to January 17, 2018	05 Years 11 Months 30 Days
Assistant Professor of Veterinary Disease Diagnostics (BPS-19)	University Diagnostic Lab, Faculty of Veterinary Science, University of Veterinary & Animal Sciences (UVAS), Lahore	April 21, 2011 to January 17, 2012	08 Months 27 Days
Lecturer of Veterinary Disease Diagnostics (BPS-18)	University Diagnostic Lab, Faculty of Veterinary Science, University of Veterinary & Animal Sciences (UVAS), Lahore	March 24, 2007 to April 20, 2011	04 Years 0 Months 27 Days
Lecturer of Veterinary Disease Diagnostics (BPS-17)	University Diagnostic Lab, Faculty of Veterinary Science, University of Veterinary & Animal Sciences (UVAS), Lahore	November 20, 2004 to March 23, 2007	02 Years 04 Months 03 Days

Lecturer of Veterinary Pharmacology and Toxicology (BPS-17)	Lecturer (On Contract), Department of Pharmacology and Toxicology.	July 01, 2003 to June 17, 2004	11 Month 16 Days
Veterinary Officer (BPS-17)	Bahria Town Lahore	June 1, 2002 to July 30, 2002	01 month 29 Days

EXPERIENCE AS VETERINARY DIAGNOSTICIAN:

Over 19 years of working experience in ISO/IEC 17025:2017 accredited Veterinary Disease Diagnostic Lab (University Diagnostic Lab) at University of Veterinary and Animal Sciences, Lahore, Pakistan along with experience of teaching to Veterinary Sciences, BS Applied Microbiology, BS MLT, MPhil and PhD scholars.

MANAGEMENT COURSES ATTENDED:

Name of Institution	Training Title	Duration
Pakistan National Accreditation Council, Islamabad	“Transition Training Course for Assessors Based on ISO/IEC 17025:2017”	August 22 – 23, 2019
Pakistan National Accreditation Council (PNAC), Islamabad	Five Days Assessor Training Course on ISO 17025:2005	April 4 - 8, 2011
Pakistan National Accreditation Council (PNAC), Islamabad	Five Days Assessor Training Course on ISO 15189:2007	June 2 - 6, 2008
Quality Management System-9000 (QMS-9000)	One day Training Session on “Internal Auditing of ISO: 17025:2005”	December 12, 2006

EXPERIENCE OF ACCREDITATION AS ASSESSOR:

INTERNATIONAL AS:

TECHNICAL ASSESSOR OF ISO/IEC 17025 ASSESSMENT CONDUCTED:

11 Years Experience
10 (including Initial, Surveillance & Reassessments)

NATIONAL AS:

LEAD ASSESSOR OF ISO/IEC 17025 ASSESSMENT CONDUCTED:

06 Years Experience
16 (including Initial, Surveillance & Reassessments)

TECHNICAL ASSESSOR OF ISO/IEC 17025 ASSESSMENT CONDUCTED:

10 Years Experience
12 (including Initial, Surveillance & Reassessments)

CONSULTATION

Role	Funded By	Activity	Duration
Senior Specialist Accreditation Support for LAB over ISO 15189 by WHO Pakistan	World Health Organization (WHO) Pakistan	Preparation of Provincial Reference Labs for accreditation over ISO 15189:2012	February 15, 2021 to November 30, 2021
Mentor and Subject Matter Expert for the Fleming Fund Fellowship Program	American Society for Microbiology (ASM), USA	Mentoring of Veterinary Fellows on Antimicrobial Resistance and Antimicrobial Usage	October, 2019 to January 2022

COURSES TAUGHT:

1. **Undergraduate Level:**

- Fundamentals of Microbiology
- Molecular Cell Biology
- Medical Microbiology
- Immunology
- Clinical Virology
- Applied Immunology
- Cell Culture
- Diagnostic Microbiology
- Food Microbiology
- Molecular Diagnostics
- Clinical Bacteriology
- Medical Lab Management Skills
- Research Methodology
- Biosafety and Biosecurity (Biorisk Management)

2. **Postgraduate Level:**

- Microbial Genetics
- Biorisk Management
- Microbiological Techniques
- Advanced Anaerobiology
- Cell Culture Techniques
- Advanced General Bacteriology
- Clinical Microbiology
- Immunology
- Animal Food Microbiology

AWARDS / MERITS / HONOURS:

1. **Appreciation Award** for successful organization of **Poultry Science Conference (PSC@IPEX2022)** (2022) by Pakistan Poultry Association.
2. **Letter of Appreciation** received from Registrar, University of Veterinary and Animal Sciences, Lahore (2022).
3. Selection as **Technical Assessor of Gulf Accreditation Centre, Kingdom of Saudi Arabia** (2019)
4. **Appreciation Award** for successful organization of **Poultry Science Conference (PSC@IPEX2019)** (2019) by Pakistan Poultry Association.
5. **Appreciation Award** for successful organization of **Poultry Science Conference (PSC@IPEX2018)** (2018) by Pakistan Poultry Association.
6. **Appreciation Award** for successful organization of **Poultry Science Conference (PSC@IPEX2017)** (2017) by Pakistan Poultry Association.
7. Selected as **Lead Assessor of PNAC** (2017) by Pakistan National Accreditation Council, Islamabad
8. Selection as **Technical Assessor of Emirates National Accreditation System (ENAS)**, UAE (2012)
9. **Appreciation Certificate** for successful organization of **National Biotechnology Exhibition and Seminar** (2010) by UVAS
10. **Appreciation letter** for **Successful Completion of Assessor Training Course and Selection as Technical Assessor of PNAC**, Islamabad (2008) by PNAC, Islamabad
11. Award for successful organization and conduct of **1st Alumni Annual Function** (2004) by UVAS
12. **Best Scout** of the Year, Award (1993)

DEVELOPMENTAL / RESEARCH ACTIVITIES/ADVISORY CONSULTANCY SERVICES

RESEARCH PROJECTS APPROVED/SUBMITTED FOR COMPETITIVE GRANTS:

Sr. No.	Title of the Research Project	Principal Investigator	Co- Principal Investigator / Collaborating Scientist	Estimated cost	Funding Agency	Current Status
1.	Management of Total Mixed Ration Fungi Using Selected Algae and Plants	Dr. Mubashara Munir	Dr. Ali Ahmad Sheikh	Rs 19 Millions	Higher Education Commission of Pakistan	Approved
2.	Biocontrol of Salmonellosis in chickens using bacteriophages	Dr. Ali Ahmad Sheikh	Prof. Dr. Masood Rabbani	Rs 13.083 Millions	Punjab Agriculture Research Board	Completed
3.	Biocontrol of <i>Brucella abortus</i> using Brucellaphages	Dr. Ali Ahmad Sheikh	Prof. Dr. Masood Rabbani	Rs 3.5 Millions	Higher Education Commission	Completed
4.	Multi-country study of the prevalence & use of sub-standard antimicrobials in cattle	Dr Mishal Sameer Khan	Dr. Ali Ahmad Sheikh	£174606	Chatham House, UK	Approved waiting for funding
5.	Implementation of Biosafety and Biosecurity in Pakistan	Dr. Ali Ahmad Sheikh	Dr. Zeba Rasmusen (NIH, USA)	Rs 2.8 millions	Fogarty International, USA	Approved & Completed
6.	Development of toxoplasma multi-protein sub-unit vaccine & their experiment trials in mouse model administered intranasally with triad of antigens formulated in nanoparticles	Dr Muhammad Imran Rashid	Dr Ali Ahmad Sheikh Dr Haroon Akbar Dr Waseem Shahzad	Can \$ 113000	Grand Challenges Canada	Approved & Completed
7.	Studies on Microalgae for Bio-fuel Production	Dr. Ali Ahmad Sheikh	Dr. Imran Najeeb	Rs. 25.5 Millions	Pakistan Agriculture Research Council	Initially Approved Waiting for Final Approval

MAJOR ADVISOR/SUPERVISOR OF MPhil / MSc (HONS) STUDENTS

SR	TITLE OF RESEARCH THESIS	Name of Student
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Research titles of PhD students Majoring in Microbiology:

1-	Under process. (Supervisor)	Asma Shehbaz (2022)
2-	Under process. (Supervisor)	Hafiz Muhammad Khalid (2023)
3-	Under process. (Supervisor)	Zara (2023)
4-	Under process. (Major Member)	Faisal Amin
5-	Under process. (Major Member)	Saira Naureen
6-	Phage Applications for Improving Food Safety Against <i>Salmonella enteritidis</i> (Supervisor)	Aleena Kokab (Completed 2022)

7-	Preparation of Highly Specific ELISA kit based on Recombinant Outer Membrane Protein (OmpH) of <i>Pasteurella multocida</i> B2 to detect Post-Vaccination Immune Response (Supervisor)	Abida Mushtaque (Completed 2022)
8-	Whole Genome Sequence Analysis for Selection of Vaccinal <i>Clostridium perfringens</i> toxinotype candidate from Sheep and Goat (Major Member)	Madeeha Tariq (Completed 2022)
9-	Efficacy of Phage Therapy Against Fowl Typhoid and Pullorum Disease in Commercial Layers (Supervisor)	Rida Haroon Durrani (Completed 2022)
10-	Biocontrol of <i>Brucella abortus</i> using Brucellaphages (Supervisor)	Arfat Yousaf (Completed 2021)
11-	Prevalence of soil-borne <i>Listeria monocytogenes</i> in selected districts of Punjab province, Pakistan (Major Member)	Rabia Tahir (Completed 2021)

Research titles of MPhil students Majoring in Microbiology:

1-	Under process. (Supervisor)	Natasha (2023)
2-	Under process. (Supervisor)	Mavara Iqbal (2023)
3-	Under process. (Supervisor)	Faryal Arshad (2023)
4-	Under process. (Supervisor)	Muhammad Aeraf (2023)
5-	Under process. (Supervisor)	Isha Arshad (2023)
6-	Under process. (Supervisor)	Shamsa Kanwal (2023)
7-	Under process. (Supervisor)	Beenish Zahid (2023)
8-	<i>In Vivo</i> Efficacy of Phage Therapy Against <i>Salmonella enteritidis</i> Infection (Supervisor)	Muhammad Zohaib Wasam (Completed 2022)
9-	<i>In Vivo</i> Efficacy of Phage Therapy Against <i>Salmonella typhimurium</i> Infection (Supervisor)	Syed Bilal Tahir (Completed 2022)
10-	Susceptibility Pattern and Resistance Modulation of Dermatophytes to Antifungals by Thymoquinone (Major Member)	Shamsa Niaz (Completed 2022)
11-	Correlation of Antibiotics Resistance Genes with its Phenotypic Effect in <i>Salmonella enteritidis</i> in Poultry. (Supervisor)	Maryam Arshad (Completed 2021)
12-	Correlation of Antibiotic Resistance Genes with its Phenotypic Effect in <i>Salmonella typhimurium</i> in Poultry. (Supervisor)	Muhammad Moawaz Aziz (Completed 2021)
13-	Comparison of Various Storage Techniques for <i>Salmonella enteritidis</i> Bacteriophages (Supervisor)	Hiba Babar (Completed 2021)
14-	Activity of antimicrobial agents (Citric acid, Garlic Powder, Oregano Powder) Alone and in Combination on the Growth Inhibition of <i>Salmonella enteritidis</i> on Chicken Meat During Storage (Supervisor)	Ayesha Kausar (Completed 2020)

15-	Efficacy of Phage Therapy Against Fowl Paratyphoid in Commercial Poultry (Supervisor)	Amina Zaib (Completed 2020)
16-	Assessment Based Serological Evaluation of Hepatitis A Virus in Young Kid (Supervisor)	Ayesha Iqbal Khan (Completed 2020)
17-	Comparison of the Bioactivity of the Tulsi and Neem Plant Extracts with their Related Endophytic Actinomycetes Against ESBL Producers (Major Member)	Hafsa Shahzadi (Completed 2020)
18-	Use of REP-PCR in Source Tracking of <i>Escherichia coli</i> in Farm to Fork System (Supervisor)	Munazzah Maqbool (Completed 2019)
19-	Expression of Antibiotic Resistance Genes in Uropathogenic <i>Escherichia coli</i> (Supervisor)	Tanzeela Ali (Completed 2019)
20-	Evaluation of Microbial Quality and Antibiotics in Poultry Meat and Feed (Major Member)	Suleman Irfan (Completed 2019)
21-	Evaluation of Antiviral and Antibacterial Activities of Herbal Extracts (Major Member)	Iqra Nazir (Completed 2019)
22-	Screening for Antibiotic Producing Gene Cluster in Endophytic Actinomycetes of <i>Ocimum tenuiflorum</i> and <i>Azadirachta indica</i> Plant (Major Member)	Asma Ilya (Completed 2019)
23-	Genomic Characterization of Prevailing Newcastle Disease Virus (Genotype VII) in Pakistan (Major Member)	Nuzhat ul Ain (Completed 2019)
24-	Genomic Analysis of Nucleocapsid and Fusion Genes of Small Ruminant Morbillivirus in Pakistan (Major Member)	Hafiz Muhammad Imran Javed (Completed 2019)
25-	Antimicrobial Modulation of Methicillin Resistant <i>Staphylococcus aureus</i> Recovered from Surgical Wound Infections by Lemon Peel Extracts (Supervisor)	Sadia Khuda Buksh (Completed 2018)
26-	Impact of Green Tea on Drug Modulation Against Resistant <i>E. coli</i> Isolates from Urinary Tract Infections (Supervisor)	Hafiza Sumaiyah Shahzadi (Completed 2018)
27-	<i>In vitro</i> Biocontrol of <i>Pseudomonas aeruginosa</i> Strain from Otitic Cats and Dogs (Supervisor)	Rabia Aziz (Completed 2018)
28-	Antibacterial Resistance Profiling of <i>Listeria monocytogenes</i> Recovered from Human Aborted Fetuses (Supervisor)	Mehak Mohsin (Completed 2018)
29-	In Vitro Biological Control of Avian pathogenic <i>Escherichia coli</i> (Supervisor)	Aleena Kokab (Completed 2017)
30-	Antimicrobial Effect of Various Herbs on Antimicrobial Resistant Bacteria Causing Sore Throat (Supervisor)	Abida Mushtaque (Completed 2016)
31-	Isolation and Antibiotic Resistant Profiling of <i>Enterococcus faecium</i> Recovered from Retail Fish in Lahore City (Supervisor)	Maria Butt (Completed 2016)
32-	Isolation and Antibiotic Resistant Profiling of <i>Enterococcus faecium</i> Recovered from Retail Chicken in Lahore City (Supervisor)	Amina Habib (Completed 2016)
33-	Studies on Biological Control of Salmonellosis in Poultry (Supervisor)	Kiran Imtiaz (Completed 2016)
34-	Microbiological Quality Assessment of Human and Veterinary Drugs (Supervisor).	(Sadaf Riaz) (Completed , 2015)
35-	Antibiotic resistance pattern of <i>Clostridium perfringens</i> type A from poultry and its resistance modulation using medicinal plant extracts (Supervisor).	(Arifa Jabeen) (Completed , 2015)

36-	Impact Analysis of the Quality Control Practices in Microbiology-based Veterinary Diagnostic Labs Operational in District Lahore (Major Member) .	(Faiza Marrium) (Completed, 2015)
37-	Impact Analysis of Quality Control Practices in Microbiology-based Medical Diagnostic Labs Operational in District Lahore (Major Member) .	(Tahira Naz Saif) (Completed, 2015)
38-	Detection of Gram Negative Foodborne Pathogen from Retail Quail Meat through Optimized Multiplex PCR (Supervisor) .	(Iqra Safdar) (Completed, 2014)
39-	Characterization of Beta-lactamase Producing Genes from the Chicken Meatborne Antimicrobial Resistant <i>Escherichia coli</i> (Supervisor)	(Ayesha Tabassum) (Completed, 2014)
40-	Detection of Gram Positive Foodborne Pathogen from Retail Quail Meat through Optimized Multiplex PCR (Supervisor)	(Amna Kanwal) (Completed, 2014)
41-	Plasmid Mediated Analyses and Plasmid Curing of Previously Isolated Multi-drug Resistant <i>Escherichia coli</i> from Retail Chicken Meat (Supervisor)	(Mawra Gohar) (Completed, 2014)
42-	Correlation of different management systems and facilities of retail milk shop with that of microbial load in raw and pasteurized milk. (Major Member)	Faria Kanwal (Completed, 2014)
43-	Bacterial growth inhibition based detection of beta-lactam antibiotic residues in milk. (Major Member)	Sana Moin (Completed, 2014)
44-	Antibiotic sensitivity pattern and Extended Spectrum Beta-Lactamase production ability in <i>Escherichia coli</i> isolates from veterinary and human samples. (Major Member)	Karam Rasool (Completed, 2014)
45-	Isolation, Identification and Control of Vancomycin Resistant <i>Staphylococcus aureus</i> (Supervisor)	(Fakhra Liaqat) (Completed, 2013)
46-	Antibacterial activity of herbal extracts against Multi-Drug Resistant <i>Escherichia coli</i> recovered from retail chicken meat (Supervisor)	(Arfat Yousaf) (Completed, 2013)
47-	Characterization of Antimicrobial Resistance in <i>Escherichia coli</i> Recovered from Retail Chicken in Lahore City (Supervisor)	(Fayyaz Yasin) (Completed, 2012)
48-	Uterine microbial flora of Nili Ravi buffalo during oestrous and their relationship with conception rate (Major Member)	Sohail Raza (Completed, 2011)
49-	Uterine microbial flora of Sahiwal cattle during oestrous and their relationship with conception rate (Major Member)	Habib-ur-Rehman (Completed, 2011)

FOREIGN TRAININGS / WORKSHOPS / SYMPOSIA / CONFERENCE, etc:

Name of Institution	Training Title	Duration
Sandia National Laboratories in collaboration with Jordan University of Science and Technology	Enhancing Molecular Diagnostic Capabilities	February 21 – 27, 2023
Fogarty International Center, NIH, USA and Johns Hopkins University	Genomic Epidemiology for Public Health Workshop	March 2- 4 and March 7-8, 2022
United Nations Environment Programme, Global Environment Facility and Ministry of Climate Change, Government of Pakistan	Capacity Building Workshop on Biosafety Clearing House (BCH III)	February 28 – March 02, 2022

Organized jointly by Institute Pasteur, Tunis, Fogarty International Center, NIH, USA and Johns Hopkin Applied Physics Laboratory, USA	Applied Bioinformatics for Genomic Epidemiology	on July 25 – 29, 2022
The Faculty of Veterinary Medicine, Universitas Gadjah Mada, Yogyakarta, Indonesia	“The 1st International Conference of Advanced Veterinary Science and Technology for Sustainable Development”	March 28 – 29, 2021
American Society for Microbiology under Fleming Fund	World One Health Congress (Virtual Edition)	October 30 – November 03, 2020
Pakistan Biological Safety Association, Bio Risk Association of the Philippines and Health Security Partners, USA	Biorisk Manual Writing Workshop	February 17 – 19, 2020
The Halal Science Center, Chulalongkorn University, Thailand	Halal Food Testing in Halal Forensic Science Laboratory	August 27 – 31, 2018
Pakistan Biological Safety Association in Collaboration with Fogarty International Center, USA	Responsible Conduct in the Life Sciences Workshop	June 20 – 24, 2018
American Biosafety Association, 60 th Annual Biosafety Conference, Albuquerque, New Mexico, USA	One day Pre-Conference course on Strategies to Customize and Streamline the Institutional Biosafety Committees (IBCs)	October 15, 2017
Guangxi Veterinary Research Institute, Nanning, Guangxi, China	Animal Disease Prevention and Control Strategy	September 23 – 29, 2016
Avian Research & Connecticut Veterinary Medical Diagnostic	Training on “Advanced Diagnostic techniques for diagnosis of <i>Mycoplasma gallisepticum</i> ”	September 22 – October 10, 2012
Organized by American Association for the Advancement of Science (AAAS), Tunisia	Workshop “International Engagement Responsible Bioscience for a Safe and Secure Society”	October 31 – November 1, 2011
Lacombe Research Center, Agriculture & Agri-Food Canada	Isolation and Molecular Characterization of Antimicrobial Resistant <i>E. coli</i> isolated from Retail Meats	January 17, 2009 to March 16, 2010
Lacombe Research Center, Agriculture & Agri-Food Canada	Optimization of Pulsed Field Gel Electrophoresis	January 17, 2009 to March 16, 2010
Lacombe Research Center, Agriculture & Agri-Food Canada	Prevalence of Antimicrobial Resistance Genes in <i>E. coli</i> Isolated from Retail Meats	January 17, 2009 to March 16, 2010
Lacombe Research Center, Agriculture & Agri-Food Canada	DNA Fingerprinting of Antimicrobial Resistant Salmonella species Recovered from Retail Meats across Alberta, Canada	January 17, 2009 to March 16, 2010

LOCAL TRAININGS / WORKSHOPS / SYMPOSIA, etc:

Name of Institution	Training Title	Duration
Organized by Animal Husbandry Commissioner, Ministry of National Food Security and Research (Livestock Wing), Government of Pakistan, Islamabad	Attended “1-Day Consultative Meeting for Deliberations on Key Elements of Veterinary Drug Prescription Guidelines in Food Animals”	March 03, 2022

Organized by Health Security Partners, USA and University of Veterinary and Animal Sciences, Lahore	Attended “One Day BRM Refresher Training”	May 11, 2022
Organized by Pakistan Biological Safety Association and Fogarty International Center, USA	Attended 2-Days “Institutional Biosafety Committee Workshop”	October 22 – 23, 2022
Organized by Association for Biorisk Management in collaboration with Health Security Partners, USA and Institute of Microbiology, UVAS, Lahore	Attended “5-Days Virtual Training on Biorisk Management”	June 28 – July 02, 2021
Organized by The Pakistan Biological Safety Association and Safer Behaviors (USA)	Virtual Leadership Training Program in Biorisk Management Titled “THE LEADERS C.A.R.E. MODEL”	February 17, 2020
Organized by The Pakistan Biological Safety Association and Safer Behaviors (USA)	Virtual Leadership Training Program in Biorisk Management Titled “THE INTRINSIC LEADER AND MOTIVATOR”	March 03, 2020
Organized by The Pakistan Biological Safety Association and Safer Behaviors (USA)	Virtual Leadership Training Program in Biorisk Management Titled “LEADING DIFFERENT PERSONALITIES”	MARCH 17, 2020
Organized by The Pakistan Biological Safety Association and Safer Behaviors (USA)	Virtual Leadership Training Program in Biorisk Management Titled “EMERGENCY PREPAREDNESS AND RESPONSE”	April 01, 2020
Organized by The Pakistan Biological Safety Association and Safer Behaviors (USA)	Virtual Leadership Training Program in Biorisk Management Titled “LEADING DURING THE COVID-19 PANDEMIC”	April 15, 2020
Organized by The Pakistan Biological Safety Association, Fogarty International Center USA and Safer Behaviors (USA)	“6-Advanced Training Module of Biological Risk Mitigation Virtual Leadership Training Program in Pakistan”	May 20, 2020
Organized by The Pakistan Biological Safety Association and Safer Behaviors (USA)	Attended Bioprism Refresher Program, Module 1: Titled “LEADERS CARE MODEL”	November 02, 2020
Organized by The Pakistan Biological Safety Association and Safer Behaviors (USA)	Attended Bioprism Refresher Program, Module 2: Titled “BIOLOGICAL RISK MITIGATION AND THE FOUR PRIMARY CONTROLS OF BIOSAFETY AND BIOSECURITY”	November 03, 2020
Organized by The Pakistan Biological Safety Association and Safer Behaviors (USA)	Attended Bioprism Refresher Program, Module 3: Titled “INHERENT AND RESIDUAL RISK FACTORS & CONTAINMENT LEVELS”	November 09, 2020
Jointly organized by The Pakistan Biological Safety Association and Safer Behaviors (USA)	Attended Bioprism Refresher Program, Module 4: Titled “SOP EVALUATION, VALIDATION AND VERIFICATION”	November 19, 2020
Organized by The Pakistan Biological Safety Association and Safer Behaviors (USA)	Attended Bioprism Refresher Program, Module 5: Titled “DONNING AND DOFFING PPE,	November 27, 2020

	EFFECTIVE GLOVE REMOVAL STRATEGIES”	
Organized by The Pakistan Biological Safety Association and Safer Behaviors (USA)	Attended Bioprism Refresher Program, Module 6: Titled “EFFECTIVE TRAINING STRATEGIES, BEHAVIORAL CUES, ONLINE TRAINING”	December 04, 2020
Jointly organized by The Pakistan Biological Safety Association and Safer Behaviors (USA)	Attended Bioprism Refresher Program, Module 7: Titled “ADDRESSING HUMAN RISK FACTORS, SAFETY CLIMATE VS. CULTURE”	December 04, 2020
Jointly organized by The Pakistan Biological Safety Association and Safer Behaviors (USA)	Attended Bioprism Refresher Program, Module 8: Titled “ISO 35001 and SAFETY SURVEILLANCE”	December 04, 2020
Jointly organized by The Pakistan Biological Safety Association and Safer Behaviors (USA)	Attended Bioprism Refresher Program, Module 9: Titled “SHIPPING OF INFECTIOUS SUBSTANCES”	November 27, 2020
Jointly organized by The Pakistan Biological Safety Association and Safer Behaviors (USA)	Attended Bioprism Refresher Program, Module 10: Titled “LABORATORY EMERGENCY PREPAREDNESS AND RESPONSE”	December 04, 2020
Organized by Ministry of National Health Services Regulations and Coordination	Attended “National Multisectoral Antimicrobial Steering Committee Meeting (Semi-Virtual)”	November 26, 2020
Organized by Animal Husbandry Commissioner office, Ministry of National Food Security and Research, Islamabad	Attended “National Laboratory Networking Group for the Animal Health Sector (NLNG-AH)”	December 03, 2020
Pakistan National Accreditation Council, Islamabad	“Transition Training Course for Assessors Based on ISO/IEC 17025:2017”	August 22 – 23, 2019
Pakistan Biological Safety Association and Fogarty International Center, National Institutes of Health, USA	Influence Without Authority Workshop	February 16, 2019
Pakistan Biological Safety Association and Fogarty International Center, National Institutes of Health, USA	Preparation of Labs for CWA-15793 (ISO 35001) guidelines	February 11 – 15, 2019
University of Veterinary and Animal Sciences, Lahore	Production and Evaluation of FMD Virus Vaccine	April 23 – 29, 2018
University of Veterinary and Animal Sciences, Lahore	R&D activities for production of effective FMD vaccine	July 30 to August 03, 2018
Jointly organized by Pakistan Biological Safety Association and Fogarty International Centers, NIH, USA	Two days workshop on “Institutional Biosafety Committees Workshop”	July 26 – 27, 2017
Aga Khan University, Karachi	Symposium on Antimicrobial resistance in Pakistan: Current Situation and future Approaches	December 7 – 8, 2016
Pakistan Biological Safety Association, Islamabad	Preparing Biological Laboratories for Certification in Biorisk Management	July 16 – 19, 2016

Pakistan Academy of Sciences, Islamabad	Biosafety Master Trainer Preparation Program	March 14 – 18, 2016
Ministry of National Health Services, Islamabad	National Policy for Antimicrobial Resistance Containment	February 2 – 3, 2016
UVAS, Lahore	Master Trainer Program for Laboratory Biosafety and Risk Management	September 7 – 11, 2015
Pakistan Academy of Sciences, Islamabad	Biosafety Awareness Workshop	August 27 – 29, 2015
Lahore College Women University, Lahore	Biosafety and Biosecurity	August 18 – 19, 2015
UVAS, Lahore	Basic Laboratory Techniques	August 3 – 7, 2015
UVAS, Lahore	Molecular Diagnostics	June 23 – 25, 2015
UVAS in collaboration with Institute of Public Health, Lahore	National Workshop on Controlling Biorisk in Lab	May 11 – 12, 2015
UVAS, Lahore	International Symposium on Dairy Animal Reproduction (ISDAR 2015)	March 30 – 31, 2015
National Institutes of Health, Islamabad	BioRisk Management Course	March 24 – 26, 2015
UVAS in collaboration with Institute of Public Health, Lahore	Consensus building workshop on Biorisk Management Guidelines	March 3, 2015
UVAS, Lahore	Practical Aspects of Poultry Health Management	February 04, 2015
UVAS, Lahore	International Workshop on “Biosafety”	December 18 – 20, 2014
UVAS, Lahore	Farmer’s Day	November 25, 2014
UVAS, Lahore	Laboratory Animals Hands-On Workshop	
Food and Agriculture Organization (FAO) in collaboration with National University of Science and Technology (NUST), Islamabad	Laboratory Information Management System for Veterinary Laboratories in Pakistan	March 19 – 20, 2014
UVAS in Collaboration with University of Connecticut (UCONN), USA	Biologics Production Using Indigenous Isolates of Mycoplasma gallisepticum	November 25-26, 2013
Karakorum Inter. University	Biosafety Workshop 2	October 23-26, 2013
Department of Microbiology, Hazara University, Mansehra	2 nd National Conference on Current Approaches in Microbiology	June 27-28, 2013
Department of Pathology and Microbiology, Aga Khan University Karachi and University of Virginia, USA	Workshop on “Emerging Superbugs: Standardizing Antimicrobial Susceptibility Testing, Surveillance and Lab Biosafety”	February 25-27, 2013
Food and Agriculture Organization (FAO) in collaboration with National Veterinary Laboratory (NVL), Islamabad	Consultation Workshop on Development and Implementation of Laboratory Information Management System (LIMS) for Veterinary Labs.	May 7 - 9, 2012
UVAS, Lahore	New Castle Disease: Prevention and Control in Pakistan	November 5, 2012
UVAS, Lahore in Collaboration with University of Connecticut (UCONN), USA	Current Approaches for the Diagnosis and Control of Avian Mycoplasmas	September 3-4, 2012
Food and Agriculture Organization (FAO) in collaboration with National Veterinary Laboratory	Consultation Workshop on Development and Implementation of Laboratory Information	May 7-9, 2012

(NVL), National Agricultural Research Council (NARC), Islamabad	Management System (LIMS) for Veterinary Labs.	
UVAS in Collaboration with UNIDO	Workshop on Postgraduate Diploma in Food Safety (Finalization of Syllabus)	March 27-29, 2012
American Association for the Advancement of Science (AAAS), Tunisia	Workshop "International Engagement Responsible Bioscience for a Safe and Secure Society"	October 31 – November 01, 2011
Pakistan National Accreditation Council (PNAC), Islamabad	Five Days Assessor Training Course on ISO 17025:2005	April 4 - 8, 2011
UVAS, Lahore	Workshop on Quality of Education and Research	March 19, 2011
HEC and UVAS, Lahore	Research Methodologies Using Statistical Techniques in Biological Sciences	January 3 - 8, 2011
Quality Management System (QMS) 9000, Lahore	Advanced Training on Lab Management System based on ISO 15189:2007	December 29-31, 2010
UVAS, Lahore and HEC	National Biotechnology Exhibition and Seminar 2010	October 20-21, 2010
UVAS, Lahore	Professional Competency Enhancement Program for Teachers (PCEPT) Part II	September 28 - October 1, 2010
UVAS, Lahore	Professional Competency Enhancement Program for Teachers (PCEPT) Part I	August 23 - 27, 2010
Agriculture & Agri-Food Canada (AAFC)	Training on Pulsed Field Gel Electrophoresis, Bio-Numerics (6.0) Software, Microdilution Broth Method for Antimicrobial Resistance in <i>E. coli</i> , Nano Drop, SAS 9.2 Software	January, 2009 - March 2010
Pakistan National Accreditation Council (PNAC), Islamabad	Five Days Assessor Training Course on ISO 15189:2007	June 2 - 6, 2008
HEC and UVAS, Lahore	National Conference on Prion Diseases: A Threat to Livestock and Human in Pakistan	May 20, 2008
UVAS, Lahore	Teachers Orientation Program	March 12 - 28, 2007
Quality Management System-9000 (QMS-9000)	One day Training Session on "Internal Auditing of ISO: 17025:2005"	December 12, 2006
UVAS, Lahore	Practical Veterinary Epidemiology	November 4 - 11, 2006
UVAS, Lahore	Chemistry Analyzer & Hematological Analyzer in a Diagnostic Laboratory	August 15 - 20, 2006
Institute of Biochemistry and Biotechnology, University of the Punjab And Bioengineering, Switzerland	Biochemical Engineering and Fermenter Applications	August 19, 2006
UVAS, Lahore	Production and Evaluation of Bird Flu Vaccine	June 19-25, 2005
HEC and University of Karachi	Bacterial Disease of the Poultry and Their Remedies	December 19 - 24, 2005

UVAS, Lahore and NIBGE	Application of Biotechnology for Livestock & Poultry Development	November 28 - December 2, 2005
UVAS, Lahore	Development of Wildlife Education and Research	January 26, 2004
National Institute for Biotechnology and Genetic Engineering (NIBGE), Faisalabad	Practical Training on RT-PCR	October 19 - 22, 2004
National Guards	The National Cadet Corp	December 26, 1994 - August 28, 1995

PUBLICATIONS:

I - Thesis (PhD):

1. **Ali Ahmad (2010)**. Isolation and Molecular Characterization of Antimicrobial Resistant *E. coli* Isolated from retail Meats, UVAS, Lahore

la - Thesis (M.Sc (Hons)):

1. **Ali Ahmad (2003)**. Passive Immunisation of *Pasteurellamultocida* Infected Rabbits. UVAS, Lahore.

II - Proceedings/Editor:

1. M. Rabbani & **A. Ahmad** (2004) Member Souvenir Committee on 1st GBM of Alumni Association having “**Sectoral Statures of Veterinary and Animal Sciences in Pakistan**”, at University of Veterinary and Animal Sciences, Lahore, to be held in Nov, 2004.

III - Book / Manual Published:

1. Rabia Tanvir, **Ali Ahmad Sheikh**, Aqeel Javed (2020). “Endophytic Actinomycetes in Indo-Pak Medicinal Plants Leading to New Trends in Drug Discovery” in “A Closer Look at Actinomycetes”, Bacteriology Research Development, Chapter No. 2, Page No. 41 – 80. Published by: Nova Science Publisher, New York, USA. ISBN No. 978-1-53617-046-7 (**Book Chapter Published**).
2. Rabia Tanvir, **Ali Ahmad Sheikh**, Aqeel Javed (2018). “Endophytic Actinomycetes in the Biosynthesis of Bioactive Metabolites: Chemical Diversity and the Role of Medicinal Plants” in Studies in Natural Products Chemistry. Chapter No. 11, Volume 60, Page No. 399 – 424 **Published By:** Elsevier Publication, Radarweg 29, PO Box 211, 1000 AE Amsterdam, Netherlands (**Book Chapter Published**).
3. Saadat Ali, Masood Rabbani, Wasim Shahzad and **Ali Ahmad Sheikh** (2015). Manual of Molecular Diagnostics.
4. Masood Rabbani and Ali Ahmad Sheikh (2014). Quality Manual.
5. Khushi Muhammad, Masood Rabbani, Tahir Yaqub, **Ali Ahmad Sheikh** (2014). Manual of Immunological Technique
6. Khushi Muhammad, Masood Rabbani, Tahir Yaqub, **Ali Ahmad Sheikh** (2014). Veterinary Bacteriology Manual (Volume 1).
7. M. Rabbani, K. Muhammad, S. Khan, M. Avais, **A. A. Sheikh**, M. Z. Shabbir (2013). “Diseases of Dairy Animals and Control”.

List of Research Papers SUBMITTED / ACCEPTED to Refereed Journals:

S.#	Name of Author	Complete Name of Journal and Address with ISSN (Print) No.	Title of the Publication	Vol. No. & Page No.	Year published	Impact Factor*
1.	Ishrat Fatima, Mubashrah Munir, Rahmatullah Qureshi, Uzma Hanif, Nabila Gulzar & Ali Ahmad Sheikh	Critical Reviews in Food Science and Nutrition	Advanced methods of algal pigments extraction: A review	2023;1-18.	2023	11.208
2.	Mati Ullah, Fayyaz Rasool, Noor Khan, Shahzad Ali and Ali Ahmad Sheikh	Pakistan Veterinary Journal	Antibiotic Resistance and its Gene Profile in Escherichia coli Isolated from Diseased Farm-Raised Carps in Punjab, Pakistan	Online	2023	2.3

3.	Suleman Irfan, Masood Rabbani, Ali Ahmad Sheikh , Sehrish Firyal and Arfat Yousaf Shaheen	Pakistan J. Zool.,	Microbial Quality, Biochemical Identification and Molecular Detection of Salmonella Targeting His-J Gene in Poultry Meat and Feed in Lahore	Vol. 55(4), pp 1545-1551	2023	0.687
4.	M. Tariq, A. A. Anjum, A. A. Sheikh , A. R. Awan, M. M. K. Sattar and T. Ali and M. Nawaz	Journal of Animal & Plant Sciences	Physical and Chemical Factors Affecting Biomass and Alpha Toxin Production of Clostridium perfringens Type A.	32(6): 2022, Page: 1731-1743	2022	0.570
5.	Abida Mushtaque, Ali Ahmad Sheikh , Aamir Ghafoor, Wasim Shehzad and Muhammad Rizwan Khan	Pak Vet J	Optimization of In-House Indirect ELISA for Pasteurella multocida B: 2 Based on Recombinant Outer Membrane Protein H to Detect Post Vaccination Immune Response in Bovine in Pakistan.	2022, 42(2): 281-284	2022	1.803
6.	Rida Haroon Durrani, Ali Ahmad Sheikh , Masood Rabbani, Muti-ur-Rehman Khan, Aneela Zameer Durrani, Salman Ashraf, Muhammad Anas Naeem, Muhammad Usman and Tauqeer Mahmood	Pakistan J. Zool	In Vivo Effect of Novel Lytic Phage Cocktail against Salmonella Pullorum	Vol. 54(6), pp 2585-2590, 2022	2022	0.687
7.	Rida Haroon Durrani, Ali Ahmad Sheikh , Masood Rabbani, Muti-ur-Rehman Khan, Muhammad Ilyas Riaz, Muhammad Anas Naeem, Salman Ashraf Chattha, Aleena Kokab, Munazzah Maqbool, Muhammad Athar Abbas, Naila Siddique	Veterinary Research Forum	Physiological properties of indigenous lytic bacteriophages as monophage suspension and cocktail against poultry-adapted typhoidal Salmonella variants	13 (4) 481 – 487	2022	0.950
8.	Zahra Naeem, Sohail Raza, Saba Afzal, Ali Ahmad Sheikh , Muhammad Muddassir Ali, Imran Altaf	Microbial Pathogenesis ISSN: 1096-1208, 0882-4010	Antiviral potential of ivermectin against foot-and-mouth disease virus, serotype O, A and Asia-1.	155(2021)10 4914	2021	3.738
9.	A. Y. Shaheen, A. A. Sheikh , M. Rabbani, W. Shehzad, Z. Abbas and M. Maqbool.	The Journal of Animal and Plant Sciences (JAPS) ISSN: 1018-7081	Isolation And Physicochemical Characterization of Brucella Phages.	31(5): 1277-1286	2021	0.490

10.	Madeeha Tariq, Aftab Ahmad Anjum, Ali Ahmad Sheikh , Ali Raza Awan, Muhammad Asad Ali, Mian Muhammad Khubaib Sattar, Shahid Hussain and Tehreem Ali	Kafkas Universitesi Veteriner Fakultesi Dergisi ISSN: 1300-6045 e-ISSN: 1309-2251	Preparation and Evaluation of Alum Precipitate and Oil Adjuvant Multivalent Vaccines Against <i>Clostridium perfringens</i>	27 (4): 475-482	2021	0.685
11.	Rida Haroon Durrani, Fareeha Akhtar, Ali Ahmad Sheikh , Munazzah Maqbool, Aleena Kokab, Kiran Imtiaz and Muhammad Ilyas Riaz	Pakistan Journal of Zoology ISSN: 0030-9923	Effects of Storage Temperature on the Microbiological Quality of Fish Meat from Two Different Management Systems.	53(4), pp 1579-1582	2021	0.831
12.	Syed Maaz Nadeem, Muter Rehman Khan, Asim Aslam, Ali Ahmad Sheikh , Arfan Ahmad, Syed Nadeem Mansoor and Muhammad Anees	Pakistan Journal of Zoology ISSN: 0030-9923	Cytological Changes in Chicken Infectious Anemia Virus Infected Bone Marrow in Broilers	53(5), pp 1989-1992	2021	0.831
13.	Rabia Tahir, Masood Rabbani, Ali Ahmad , Muhammad Yasin Tipu and Muhammad Zubair Shabbir	International Journal of Agriculture and Biology ISSN: 1560-8530 1814-9596	Effect of Soil Chemistry on Distribution of <i>Listeria monocytogenes</i> Across Punjab, Pakistan.	Vol 25, No 1, 2021	2021	0.822
14.	Arfat Yousaf Shaheen, Ali Ahmad Sheikh , Masood Rabbani, Wasim Shehzad, Zaigham Abbas and Munazzah Maqbool	International Journal of Agriculture and Biology ISSN: 1560-8530 1814-9596	Isolation, Propagation and Biocontrol Activity of Indigenous Bacteriophages against <i>Brucella abortus</i> .	Vol 25, No 5, 2021	2021	0.822
15.	Muhammad Shoaib, Muhammad Imran Rashid, Haroon Akbar, Ali Ahmad Sheikh , Shahid Hussain Farooqi, Mumtaz Ali Khan, Farhan Anwar Khan and Rajwali	International Journal of Agriculture and Biology ISSN: 1560-8530 1814-9596	Prevalence and Molecular Characterization of <i>Anaplasma marginale</i> in Cattle Population of Khyber Pakhtunkhwa Province, Pakistan.	Vol 25, No 5, 2021	2021	
16.	Iqra Nazir, Masood Rabbani, Ali Ahmad Sheikh , Muhammad Ilyas Riaz, Sohail Raza, Qurat ul Ain, Arfat Yousaf Shaheen and Aleena Kokab	International Journal of Agriculture and Biology ISSN: 1560-8530 1814-9596	Evaluation of <i>In Ovo</i> Antiviral Activities of Medicinal Flowers against Newcastle Disease Virus and Avian Influenza Virus.	Vol 26, No 1, 2021	2021	0.822
17.	Syed Maaz Nadeem, Muter Rehman Khan, Asim Aslam, Ali Ahmad Sheikh , Arfan Ahmad, Asma Abdul Latif, Ahsan Anjum	Indian Journal of Animal Research ISSN: 0367-6722 0976-0555	Clinico-Pathological and Hemato-Biochemical Assessment of Field Originated Chicken Anemia Virus in Experimentally Challenged Broiler Chicken.	55(8): 936 – 940	2021	0.42

18.	Syed Maaz Nadeem, Muti ur Rehman Khan, Asim Aslam, Ali Ahmad Sheikh , Arfan Ahmad and Muhammad Anees	Pakistan Journal of Zoology ISSN: 0030-9923	Molecular Characterization and Phylogeny of Chicken Anemia Virus Detected in Broiler Poultry Flocks in Punjab, Pakistan.	52(1), pp 421-424	2020	0.790
19.	F. Yasin, A. A. Sheikh , M. Rabbani, A. Aslam, M. I. Rasheed and R. Tanvir	The Journal of Animal and Plant Sciences (JAPS) ISSN: 1018-7081	Study of the current resistance pattern to quinolones and other antimicrobials by multidrug resistant Escherichia coli recovered from retail chicken meat.	29(6): 1580-1586.	2019	0.529
20.	Muhammad Imran Hussain, Waqas Ahmed, Muhammad Nasir, Muhammad Hassan Mushtaq, Ali Ahmad Sheikh , Arfat Yousaf Shaheen and Ashraf Mahmood	Pakistan Journal of Pharmaceutical Sciences ISSN: 1011-601X	Immune boosting role of vitamin E against pulmonary tuberculosis	Vol.32, No.1(Suppl), pp.269-276	2019	0.562
21.	Muhammad Imran Hussain, Waqas Ahmed, Muhammad Nasir, Muhammad Hassan Mushtaq, Ali Ahmad Sheikh , Arfat Yousaf Shaheen, Shahbaz Ali and Sanaullah Iqbal	Pakistan Journal of Pharmaceutical Sciences ISSN: 1011-601X	Immune modulatory and anti-oxidative effect of selenium against pulmonary tuberculosis	Vol.32, No.2(Suppl), pp.779-784	2019	0.562
22.	Iqra Safdar, Ali Ahmad Sheikh , Fareeha Akhtar, Javed Muhammd, Tanveer Hussain, Mawra Gohar, Amna Kanwal and Ayesha Tabassum	Pakistan Journal of Agricultural Sciences ISSN: 2076-0906 0552-9034	Optimization of multiplex PCR for detection of gram positive foodborne pathogens from retail quail meat	55(4), 953 – 956.	2018	0.67
23.	Sohail Raza, Gualtiero Alvisib, Farzana Shahin, Urooj Husain, Masood Rabbani, Tahir Yaqub, Aftab Ahmad Anjum, Ali Ahmad Sheikh, Muhammad Nawaz, Muhammad Asad Ali	Microbial Pathogenesis ISSN No. 0882-4010	Role of Rab GTPases in HSV-1 infection: Molecular understanding of viral maturation and egress	118 (2018) 146-153	2018	2.009
24.	Sadia Ashraf, Aftab Ahmad Anjum, Ali Ahmad, Sehrish Firyal, Saba Sanaa, Asma Abdul Latif	Environmental Toxicology and Pharmacology ISSN No. 1382-6689	<i>In vitro</i> activity of <i>Nigella sativa</i> against antibiotic resistant <i>Salmonella enterica</i>	58(2018)54-58	2018	2.313

25.	Mumtaz Ali Khan, Aneela Zameer Durrani, Sher Bahadar Khan, Muhammad Arif Khan, Ali Ahmad Sheikh , Naimat Ullah Khan, Kashif Prince, Naimat Ullah, Azmat Ullah Khan (2017).	Microbial Pathogenesis ISSN No. 0882-4010	Association between bacterial strain type and host biomarkers in Clostridium perfringens infected goats.	112 (2017) 254-258	2017	2.009
26.	A. Yasmeen, T. Hussain, A. Ahmad , T. Yaqub, S. Masood, A. Nadeem, F. Masood, F. Hussain, S. A. Khan, A. Wajid, and M. E. Babar	The Journal of Animal & Plant Sciences ISSN: 1018-7081	CHARACTERISTIC FEATURES OF IFN- α GENE IN BEETAL GOAT BREED OF PUNJAB, PAKISTAN	27(1): 345-348	2017	0.381
27.	J. Muhammad, M. Rabbani, K. Muhammad, M. Wasim, A. Ahmad, A. A. Sheikh , F. Akhtar, A. Rasool, I. Khattak, T. Bashir, Z. U. Islam and M. Rasheed	The Journal of Animal & Plant Sciences ISSN: 1018-7081	PHYSICOCHEMICAL FACTORS AFFECTING PERSISTENCE OF <i>FRANCISELLA TULARENSIS</i> IN SOIL	27(3): 1047-1050	2017	0.381
28.	J. Muhammad, M. Rabbani, K. Muhammad, M. Wasim, K. Dewan, A. A. Anjum, A. A. Sheikh , A. Ahmad, F. Akhtar, M. Nisar, B. M. Jayarao and G. S Kirimanjeswara.	The Journal of Animal & Plant Sciences ISSN: 1018-7081	LIPOPOLYSACHARIDE GENE BASED DEVELOPMENT AND OPTIMIZATION OF DIAGNOSTICS FOR <i>FRANCISELLA TULARENSIS</i>	27(4): 1161-1166	2017	0.381
29.	F. Akhtar, M. Rabbani, K. Muhammad, M. Younus, A. A. Sheikh , R. Akhtar, J. Muhammad and A. Rasool	The Journal of Animal & Plant Sciences ISSN: 1018-7081	PHYLOGENETIC GROUPING OF THE PATHOGENIC <i>E. COLI</i> ISOLATED FROM COMMERCIAL BROILER CHICKEN IN PAKISTAN	26(5): 2016, Page: 1242-1246	2016	0.381
30.	Asfa RASOOL, Sameera AKHTAR, Khushi MUHAMMAD, Masood RABBANI, Aftab Ahmed ANJUM, Javed MUHAMMAD, Arfan AHMAD, Ali Ahmad SHEIKH , Fakhra LIAQAT, Fariha AKHTAR, Rabia TAHIR	Turkish Journal of Veterinary and Animal Sciences ISSN No. 1300-0128	Comparative evaluation of factors affecting hemagglutinating activity of avian influenza (H9) virus	Turk J Vet Anim Sci (2016) 40: 102-106	2016	0.449
31.	Amna Kanwal, Ali Ahmad Sheikh , Masood Rabbani, Tanveer Hussain, Iqra Safdar, Ayesha Tabassum, Asfa Rasool, Javed Muhammad and Mawra Gohar.	Pakistan Journal of Agricultural Sciences ISSN (Print) 0552-9034, ISSN (Online) 2076-0906	Detection of <i>Escherichia coli</i> and <i>Salmonella</i> from Retail Quail Meat Through Optimized Multiplex PCR.	Vol. 52(3), 809-813	2015	1.049

32.	J. Muhammad, A. A. Anjum, M. Rabbani, K. Muhammad, M. Wasim, A. Ahmad, A. A. Sheikh , R. K. Khalid, A. Y. Shaheen and F. Liaqat.	The Journal of Animal & Plant Sciences ISSN: 1018-7081	<i>In Vitro</i> Efficacy of Garlic, Glycyrrhiza and Neem Against Local Isolates of <i>Mycoplasma gallisepticum</i> .	25(1): 295-297.	2015	0.448
33.	M. Gohar, A. A. Sheikh , A. A. Anjum, T. Hussain, J. Muhammad, A. Tabbassum, A. Kanwal and I. Safdar	The Journal of Animal & Plant Sciences ISSN: 1018-7081	Plasmid Profiling and Curing of Multidrug Resistant <i>Escherichia coli</i> Recovered from Retail Chicken Meat.	25(4): 984-988.	2015	0.448
34.	Arfat Yousaf Shaheen, Ali Ahmad Sheikh , Masood Rabbani, Asim Aslam, Tasra Bibi, Fakhra Liaqat, Javed Muhammad and Shafqat Fatima Rehmani.	Pakistan Journal of Pharmaceutical Sciences ISSN 1011-601X	Antibacterial Activity of Herbal Extracts against Multidrug resistant <i>Escherichia coli</i> Recovered from Retail Chicken Meat.	Vol.28, No.4, pp.1295-1300.	2015	0.682
35.	Fakhra Liaqat, Ali Ahmad Sheikh , Jawad Nazir, Tanveer Hussain, Masood Rabbani, Arfat Yousaf Shaheen and Javed Muhammad.	Pakistan Journal of Pharmaceutical Sciences ISSN 1011-601X	Studies on Efficacy of Antibacterial Potential Bearing Plants against Clinical Isolates of Vancomycin Resistant <i>Staphylococcus aureus</i> .	Vol.28, No.3, pp.997-1004.	2015	0.682
36.	M. A. Gondal, M. Rabbani, K. Muhammad, T. Yaqub, M. E. Babar, A. A. Sheikh , A. Ahmad, M. Z. Shabbir and M. I. Khan	The Journal of Animal & Plant Sciences. ISSN: 1018-7081	Characterization of <i>Mycoplasma gallisepticum</i> isolated from Commercial Poultry Flocks.	25(1): 108-113.	2015	0.448
37.	Qurat ul ain Hanif, Javed Muhammad, Tanveer Hussain, Ali Ahmad Sheikh , Obaid Ullah Qazi, Sidra Akram, Khadija Abid and Saima Yaqub	World Applied Sciences Journal ISSN 1818-4952	Evaluation of Conventional and Molecular Techniques in Diagnosis of Clinical Samples of Mycobacterium Tuberculosis.	30 (6): 762-764	2014	0.23
38.	Muhammad Tayyab Farooqi, Azhar Maqbool, Kamran Ashraf, Muhammad Imran Rashid, Haroon Akbar and Ali Ahmad Sheikh	Science international (Lahore) ISSN 1013-5316; CODEN: SINTE 8)	Canine Zoonosis; its Potential and Association of Soil-borne Helminthes from Public Parks and its Gastro-intestinal Helminthes in Lahore, Pakistan.	26(2),771-774.	2014	(HEC Recognized Journal)
39.	K. A. Shahzad, K. Muhammad, A. A. Sheikh , T. Yaqub, M. Rabbani, T. Hussain, A. A. Anjum and M. Anees	The Journal of Animal & Plant Sciences. ISSN: 1018-7081	Isolation and Molecular Characterization of Shiga Toxin Producing <i>E. coli</i> O157 from Retail Milk.	23(6).	2013	0.638
40.	M. A. Gondal, M. Rabbani, K. Muhammad, T. Yaqub, M. E. Babar, A. A. Sheikh , A. Ahmad, M. Z. Shabbir and M. I. Khan	The Journal of Animal & Plant Sciences. ISSN: 1018-7081	Antibodies Response of Broilers to Locally prepared oil based <i>Mycoplasma gallisepticum</i> Vaccine.	23(4). 1094 – 1098.	2013	0.638
41.	A. Ahmad, M. Rabbani, T. Yaqub, A. Mahmood, Z. H. Kuthu, M. Z. Shabbir, A. A. Sheikh and H. Gohar	The Journal of Animal & Plant Sciences. ISSN: 1018-7081	Detection of Antibody to Newcastle Disease Virus in Human Sera in Pakistan.	23(4). 990 – 994.	2013	0.638

42.	Sohail Raza, Masood Rabbani, Ali Ahmad Sheikh , Nasim Ahmad and Habib ur Rehman.	Buffalo Bulletin ISSN: 0125-6726	Uterine Microbial Flora of Nili-Ravi Buffalo during Estrus and its Relationship with Pregnancy Rate.	Vol 2 (Special Issue) 564 – 567	2013	0.048
43.	Humayun Gohar, Masood Rabbani, Arfan Ahmad, Nasim Ahmad, Ali Ahmad Sheikh and Khushi Muhammad	Buffalo Bulletin ISSN: 0125-6726	Detection of Bovine Viral Diarrhea Virus Prevalent in Dairy Herds of Punjab, Pakistan.	Vol 2 (Special Issue) 1088 – 1090	2013	0.048
44.	Ali Ahmad Sheikh , Sylvia Checkley, Brent Avery, Gabhan Chalmers, Valerie Bohaychuk, Patrick Boerlin, Richard Reid-Smith and Mueen Aslam	Food Borne Pathogens and Disease. DOI: 10.1089/fpd.2011.1078	Antimicrobial resistance and resistance genes in <i>Escherichia coli</i> isolated from retail meat purchased in Alberta, Canada.	9(7) 625 – 631.	2012	2.283
45.	M. Shafee, M. Rabbani, M.U.D. Ahmad, K. Muhammad, A.A. Sheikh , A. Rehman and M.Z. Shabbir	The Journal of Animal & Plant Sciences. ISSN: 1018-7081	Seroprevalence of Bovine Brucellosis using Indirect ELISA in Quetta Balochistan, Pakistan.	22(3 Suppl.). 125 – 127.	2012	0.638
46.	Naseem S, Rahman SU, Shafee M, Sheikh AA , Khan A	Brazilian Journal of Poultry Science ISSN 1516-635X	Immunomodulatory and Growth-Promoting Effect of a Probiotic Supplemented in the Feed of Broiler Chicks Vaccinated Against Infectious Bursal Disease	14(2): 71-158	2012	0.337
47.	A. Ahmad , S. Rehman, Z. Ahmad, M. Bilal, M. Rabbani and K. Muhammad	Pakistan Journal of Zoology (ISSN No. 0030-9923)	Passive Immunization of <i>Pasteurella multocida</i> Infected Rabbits.	43(4):623-628	2011	0.338
48.	S. Bhatti, S. Rehman, M. Q. Zaman, Z. A. Qureshi, M. Bilal, Z. I. Chaudhry and A. Ahmad	Pakistan Journal of Zoology (ISSN No. 0030-9923)	Toxicological Effects of Feeding First Cut Sorgham Vegetation and Stalks to Rabbits.	43(4):629-635	2011	0.338
49.	Muhammad Zubair Shabbir, Masood Rabbani, Arfan Ahmad, Ali Ahmed , Khushi Muhammad, Ikram Anwar	Turkish Journal of Veterinary and Animal Sciences doi:10.3906/vet-0808-16	Comparative evaluation of clinical samples from naturally infected dogs for early detection of canine distemper virus.	34(6): 547-552	2010	0.276
50.	A. Ahmad, M. Rabbani, T. Yaqoob, A. Ahmad , M. Z. Shabbir and F. Akhtar	The Journal of Animal & Plant Sciences. ISSN: 1018-7081	Status of IgG Antibodies Against <i>Mycoplasma gallisepticum</i> in Non-Vaccinated Commercial Poultry Breeder Flocks	18(2-3): 61 – 63	2008	(HEC “Y” Category)
51.	S. Rehman, A. Ahmad and S. Bhatti	The Journal of Animal & Plant Sciences.	Comparative Growth Promoting Efficacy of Fetal Calf Serum	16(1-2).	2006	(HEC “Y”)

		ISSN: 1018-7081	(FCS) for Baby Hamster Kidney-21 (BHK-21) Cell line.			Category
52.	S. Naseem, A. Ahmad , S. Bhatti and M.A. Muneer	The Journal of Animal & Plant Sciences. ISSN: 1018-7081	Effects of Multistrain Probiotics on weight gain & FCR in Broiler Chicken.	15(3-4).	2005	(HEC "Y" Category)

OTHER PUBLICATIONS / POSTER / ORAL PRESENTATION ETC

- 2019. Ali Ahmad Sheikh.** Paper Presented on "Animal and Food AMR/AMU Surveillance in Pakistan" during 22nd National Health Sciences Research Symposium Organized by Agha Khan University, Karachi on November 15-17, 2019
- 2019. Ali Ahmad Sheikh.** Paper Presented on "Antibiotic Resistance Pattern in *Enterococcus faecium* isolated from retail chicken meat in Lahore city" during 1st National Conference "Microbiology Infectious Diseases and Health Safety" held on 3-5th April, 2019 at University of Swabi.
- 2018. Ali Ahmad Sheikh.** Paper Presented on "Current resistance pattern to quinolones and other antimicrobials by multidrug resistant E. coli from retail chicken meat" during 15th Annual Conference on Infectious Diseases Organized by Medical Microbiology and Infectious Diseases Society of Pakistan on March 17, 2018.
- 2018. Ali Ahmad Sheikh.** Paper Presented on "Animal Health Approaches to Controlling Emergence and Spread of AMR" during Symposium on Antimicrobial resistance in Pakistan Organized by Agha Khan University, Karachi on November 29, 2018
- 2017. Ali Ahmad Sheikh,** Akbar Ali, Saima Saleem, Javed Muhammad, Amber Javid, Furqan Kabir, Samreen Sarwar, Furqan Ahmed, Sean G. Kauffman, Zeba Rasmussen, Amer Ikram. BIOPRISM: A Laboratory Biosafety Training Initiative By Pakistan Biological Safety Association. Poster presented during 60th Annual Biosafety Conference organized by American Biosafety Association, Albuquerque, New Mexico, USA. October 13 – 18, 2017
- 2017. Ali Ahmad Sheikh,** Maria Butt, Aftab Ahmad Anjum and Waseem Shehzad. Resistance of *Enterococcus faecium* recovered from retail fish in Lahore city towards human use antibiotics. Paper presented during 6th International Fisheries Symposium & Expo-2017, Lahore, Pakistan. February 8-9, 2017.
- 2016. Ali Ahmad Sheikh** "Veterinary use of antibiotics and effect on AMR" Paper presented during Symposium on Antimicrobial resistance in Pakistan: Current Situation and future Approaches organized at Agha Khan University, Karachi. December 07-08, 2016
- 2016. Ali Ahmad Sheikh.** "Status of Livestock Diseases and Availability of Diagnostic Facilities in Pakistan" Paper presented during a seminar on seminar on "Animal Disease Prevention and Control Strategy" at Guangxi Veterinary Research Institute, Nanning, Guangxi, China. September 23 – 29, 2016.
- 2015. Ali Ahmad Sheikh.** "Biosafety issues in Veterinary Profession" paper presented during International Livestock, Dairy and Poultry Congress (ILDPC 2015). April 14 – 15, 2015
- 2014. M. Javed, M. Rabbani, M. A. Gondal, A. A. Sheikh, A. Ahmed, F. Akhtar, A. Rasool, A. Wajid, R. K. Khalid and M. I. Khan.** Molecular Characterization of *Mycoplasma gallisepticum* Isolates from Pakistan. Abstract and Poster presented during 20th Congress of the International Organization for Mycoplasmaology – IOM, Blumenau, Brazil. June 1 – 6, 2014.
- 2014. A. Rasool, M. Rabbani, A. Ahmed, K. Muhammad, J. Muhammad, A. A. Sheikh, A. Arfan and M. I. Khan.** Molecular Characterization of *Mycoplasma synoviae* Isolates from Pakistan. Abstract and Poster presented during 20th Congress of the International Organization for Mycoplasmaology – IOM, Blumenau, Brazil. June 1 – 6, 2014.
- 2013. Fakhra Liaqat and Ali Ahmad Sheikh.** A Human Superbug. Article published in Daily Pakistan Today. June 07, 2013

13. **2013.** Rana Khurram Khalid, Masood Rabbani, Khushi Muhammad, Arfan Ahmad, **Ali Ahmad Sheikh** and Javed Muhammad. Factors Affecting Sensitivity of Rapid Serum Agglutination Antigen of *Mycoplasma gallisepticum*. Abstracts published in abstract book during 2nd National Conference on Current Approaches in Microbiology. June 27-28, 2013
14. **2013.** Javed Muhammad, Masood Rabbani, Arfan Ahmad, Ali Ahmad Sheikh, Muhammad Asad Ali, Umar Bacha and Suliman Qadir Afridi. Role of Rhizobium Bacteria in Bio-Fertilizers Production. Abstracts published in abstract book during 2nd National Conference on Current Approaches in Microbiology. June 27-28, 2013
15. **2013.** Sohail Raza, Masood Rabbani, Nasim Ahmad, **Ali Ahmad Sheikh**, Khushi Muhammad, Fareeha Akhtar and Habib Ur Rehman. Uterine Microbial Flora of Nili-Ravi Buffalo during Estrus and its Relationship with Pregnancy Rate. Abstract Book published at 10th World Buffalo Congress and 7th Asian Buffalo Congress 2013. May 6-8, 2013
16. **2013.** Humayun Gohar, Masood Rabbani, Arfan Ahmad, Nasim Ahmad, Ali Ahmad Sheikh and Khushi Muhammad. Detection of Bovine Viral Diarrhea Virus Prevalent in Dairy Herds of Punjab, Pakistan. Abstract Book published at 10th World Buffalo Congress and 7th Asian Buffalo Congress 2013. May 6-8, 2013.
17. **2013.** Masood Rabbani and Ali Ahmad Sheikh. Services Offered by UVAS for Livestock Farmers. Article published in souvenir during Southern Punjab Livestock Poultry and Agri Convention. February 15-16, 2013
18. **2013.** Masood Rabbani and Ali Ahmad Sheikh. Services Offered by UVAS for Poultry Farmers. Article published in souvenir during Southern Punjab Livestock Poultry and Agri Convention. February 15-16, 2013
19. **2012.** Javed Muhammad, Umar Bacha and **Ali Ahmad Sheikh**. Assessment of Different Preservative Methods for Microbial Quality and Shelf Life of Chicken Meat. Abstract Published in Abstract Book during 2nd International Conference Future Perspectives of Food Processing Industry in Pakistan. December 11-12, 2012
20. **2012.** Masood Rabbani, Khushi Muhammad, **Ali Ahmad Sheikh**, Arfan Ahmad, Mushtaq Ahmad, Rana Khurram Khalid, Javed Muhammad, Muhammad Asim and Mazhar Iqbal Khan. Isolation and Characterization of *Mycoplasma gallisepticum* from Commercial Poultry Flocks in Pakistan. Abstract Published in Abstract Book during 19th Congress of the International Organisation for Mycoplasma, Toulouse, France. July 15-20, 2012
21. **2012.** Javed Muhammad, Aftab Ahmad Anjum, Khushi Muhammad, Muhammad Wasim, Masood Rabbani, Arfan Ahmad, **Ali Ahmad Sheikh** and Muhammad Asad Ali. In vitro Efficacy of Neem, Garlic and Glycyrrhiza against Local Isolates of *Mycoplasma gallisepticum*. Abstract Published in Pakistan Journal of Pharmacy.
22. **2012.** Fayyaz Yasin and **Ali Ahmad Sheikh**. Safe Chicken Meat. Article published in Daily Pakistan Today. February 09, 2012
23. **2011.** Masood Rabbani, **Ali Ahmad Sheikh** and Arfan Ahmad. Microbiological Analysis of Water in Chicken Industry. Abstract Presented in International Conference "Fresh Water Crisis and Population Explosion" organized by PCSIR, Lahore. November 21-22, 2011
24. **2011.** **Ali Ahmad Sheikh**. Characterization of Antimicrobial Resistance in *Escherichia coli* Recovered from Retail Meats. Abstract and presented in Workshop "International Engagement: Responsible Bioscience for a Safe and Secure Society" organized by American Association for the Advancement of Science (AAAS), at Tunisia. October 31 – November 1, 2011
25. **2011.** Fariha Akhtar, Masood Rabbani, Tahir Yaqub, **Ali Ahmad Sheikh** and Nadia Mukhtar. Study on Immunogenicity of in vitro propagated HPS virus in broilers. Abstract and presented in Workshop "International Engagement: Responsible Bioscience for a Safe and Secure Society" organized by American Association for the Advancement of Science (AAAS), at Tunisia. October 31 – November 1, 2011
26. **2011.** Khawar Ali Shahzad, Khushi Muhammad and **Ali Ahmad Sheikh**. Isolation and molecular characterization of Shiga toxin producing E. coli O157 from beef and raw milk. Abstract Presented in 2nd International Congress of Food Hygiene at Tehran, Iran. March 4, 2011
27. **2011.** **Ali Ahmad Sheikh**. *Human Pathogenic Bacteria in Raw Milk*. Daily Pakistan Today. April 21, 2011

28. 2010. M. Aslam, L. Masson, **A. A. Sheikh**, W. Zou. Phenotypic and genotypic characterization of antimicrobial resistance in *Escherichia coli*, *Salmonella* Serovars and *Enterococcus* spp. isolated from animals, abattoirs and retail meat. Oral Presentation. 1st International Conference on Antimicrobial Research. Valladolid, Spain. November 3-5.
29. 2010. M. Aslam, **A. A. Sheikh**, V. Bohaychuk, R. Reid-Smith, B. Avery, P. Boerlin, G. Chalmers, S. Checkley. Characterization of antimicrobial resistance in *Escherichia coli* isolated from retail meat samples. Poster presentation. 2nd ASM conference on Antimicrobial Resistance in Zoonotic Bacteria and Foodborne Pathogens in Animals, Humans, and the Environment. Toronto Ontario. June 8-11.
30. 2010. Masood Rabbani and **Ali Ahmad Sheikh**. Immunosuppression In Poultry. Souvenir Published on the Occasion of National Poultry and Food Expo. September 24-25, 2010

III - OTHER SCIENTIFIC / PROFESSIONAL ACHIEVEMENTS

Membership to Scientific Societies / Organizations

- Pakistan Biological Safety Association (Lifetime Member)
- Pakistan Veterinary and Medical Council (PVMC) (Lifetime Member)
- Member, Faculty Board of Studies, Faculty of Veterinary Science, UVAS, Lahore
- Member, Board of Studies, Department of Microbiology, UVAS, Lahore

Involvement in Administrative activities

1. **Advisor and Focal Person** for MLT Degree Program, UVAS, Ravi Campus, Pattoki
2. **Member of various committees** assigned by the competent authority of UVAS, Lahore
3. Focal Person of **Quality Enhancement Cell** to coordinate activities of UDL with QEC
4. Focal person of UDL for issuance of "**Plagiarism Certificate**" to postgraduate students of UDL
5. **Quality Manager** of UDL for Lab Management System ISO 17025
6. Lab activities as Incharge Molecular biology and Serology Section
7. **Lead and Technical Assessor of Pakistan National Accreditation Council, Islamabad**
8. **Technical Assessor of Gulf Accreditation Center, KSA**
9. **Technical Assessor of Emirates National Accreditation System, UAE**
10. **Hall Superintendent** for boys hostels, UVAS, Lahore
11. Tutor, Tutorial group no. J2

CONDUCTED TRAINING AS RESOURCE PERSON:

1. Trainer in One Day training workshop on "**Biorisk Management**" organized by Food and Biotechnology Research Centre, Pakistan Council of Scientific and Industrial Research (PCSIR), Lahore on March 29, 2022
2. Resource person in National Training Workshop on "**Practical Demonstration of Basic Cell Culture Techniques**" organized by Training Center for Biologics Production – FMDV, University of Veterinary and Animal Sciences, Ravi Campus, Pattoki on August 2-3, 2022
3. Guest Speaker of Virtual training program on: "**Strategies to Develop Chemical and Biological Safety Culture in Medical Laboratories**". Organized by Centre for Biotechnology and Microbiology, University of Swat and Health Security Partners, USA on February 5 – 8, 2021
4. Guest Speaker in the "**ORIC UAF-HSP Virtual Training Program for Establishing and Strengthening Institutional Biosafety Committees at University of Faisalabad**". Organized by University of Agriculture, Faisalabad and Health Security Partners, USA on February 22 – March 15, 2021
5. Guest Speaker in 7-day webinar series "**Animal Biosafety Training**". Organized by Baqai Medical University and Health Security Partners, USA on March 16 – 27, 2021
6. Resource person in three days workshop on "**Biosecurity and Biosafety Issues of Health Professionals with Special Reference to COVID-19**". Organized by Karakoram International University, Gilgit and Health Security Partners, USA on March 21 – 23, 2021
7. Resource Person in "**Virtual Awareness Seminar on Field Biosafety for DVM Students of UVAS Ravi Campus**". Organized by University of Veterinary and Animal Sciences, Lahore and Health Security Partners, USA on April 04, 2021
8. Resource Person in "**Virtual Awareness Seminar on Field Biosafety for DVM Students of UVAS Narowal Campus**". Organized by University of Veterinary and Animal Sciences, Lahore and Health Security Partners, USA on April 10, 2021
9. Resource Person in "**Virtual Awareness Seminar on Field Biosafety for DVM Students of UVAS Jhang Campus**". Organized by University of Veterinary and Animal Sciences, Lahore and Health Security Partners, USA on April 11, 2021

10. Guest Speaker in the “**FRPMC-HSP International Biorisk Management Virtual Training for Healthcare and Laboratory Professionals in the light of COVID-19 Pandemic**”. Organized by Fazia Ruth Pfau Medical College, Karachi and Health Security Partners, USA on April 05 – 13, 2021
11. Guest Speaker in the “**Virtual Biological Waste Management Training (For Punjab Region)**”. Organized by Government College University, Faisalabad and Health Security Partners, USA on April 05 – 19, 2021
12. Guest Speaker in the “**Building Capacity in Biorisk Management for University Students**”. Organized by Government College University, Faisalabad and Health Security Partners, USA on April 05 – 20, 2021
13. Guest Speaker in the webinar series on “**Risk Assessment and Management, Development of Biosafety and Biosecurity SOPs, Dual Use Research of Concern and Establishment of Institutional Biosafety Committee**”. Organized by Abdul Wali Khan University Mardan and Health Security Partners, USA on April 13 – 16, 2021
14. Resource Person in One Day Workshop on “**Public Health Significance of MRSA and An Insight to its Diagnosis**”. Organized by Department of Veterinary Medicine, University of Veterinary and Animal Sciences, Lahore on July 09, 2021
15. Organizer / Resource Person of Training entitled “**Faculty Training Program for Veterinary Education Establishments of Pakistan on How to Effectively Teach Newly Introduced Course “Biorisk Management” for DVM Degree Program Curricula**” Organized by Pakistan Veterinary Medical Council in collaboration with Sandia National Laboratories (USA) and University of Veterinary and Animal Sciences, Lahore on September 2 – 4, 2020
16. Guest Speaker at the webinar titled “**Risk Assessment for the COVID-19 Testing Facilities Part 1**”, organized by Pakistan Biological Safety Association and Health Security Partners, USA on **July 04, 2020**
17. Guest Speaker at the webinar titled “**Risk Assessment for the COVID-19 Testing Facilities Part 2**”, organized by Pakistan Biological Safety Association and Health Security Partners, USA on **July 18, 2020**
18. Guest Speaker at the webinar titled “**Risk Assessment for the COVID-19 Testing Facilities Part 1**”, organized by Pakistan Biological Safety Association and Health Security Partners, USA on **September 09, 2020 (Cohort II)**
19. Guest Speaker at the webinar titled “**Risk Assessment for the COVID-19 Testing Facilities Part 2**”, organized by Pakistan Biological Safety Association and Health Security Partners, USA on **September 16, 2020 (Cohort II)**
20. One day “**Seminar with Practical Demonstration of Biosafety Practices to Control Zoonotic Diseases in Field Conditions**” organized jointly by University of Veterinary and Animal Sciences, Lahore and Health Security Partners, USA on June 11, 2019
21. Three days workshop on “**Awareness Level Biosafety Workshop**” organized jointly by University of Veterinary and Animal Sciences, Lahore and Health Security Partners, USA on August 8 – 10, 2018
22. Two days workshop on “**Biosafety Officer’s Workshop**” organized jointly by University of Veterinary and Animal Sciences, Lahore and Pakistan Biological Safety Association on April 13 – 14, 2018
23. One day Training on “**Basic Biosafety**” organized by University of Veterinary and Animal Sciences, Lahore on April 12, 2018
24. Two days workshop on “**Institutional Biosafety Committee**” Jointly organized by Pakistan Biological Safety Association and Fogarty International Centers, USA on February 13 – 14, 2018
25. One day workshop on “**One Day Biosafety Workshop**” organized jointly by American Society for Microbiology and Allama Iqbal Medical College Lahore on December 18, 2017.
26. Three days workshop on “**Biosafety Awareness Training Workshop**” Jointly organized by Pakistan Biological Safety Association and University of Balochistan, Quetta on December 2 – 4, 2017.
27. One day workshop on “**Behavioral Based Biosafety Culture**”. Jointly organized by Gull’s Association Pakistan, American Society for Microbiology and Health Security Partners, USA at Centre of Excellence in Molecular Biology (CEMB), Lahore on August 23, 2017
28. Three days workshop on “**3 Day KIBGE-PBSA-HSP Workshop for Biosafety & Biosecurity**” jointly organized by Pakistan Biological Safety Association, Health Security Partner, USA and Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi on August 4 – 6, 2017
29. Two days workshop on “**Institutional Biosafety Committees Workshop**” jointly organized by Pakistan Biological Safety Association and Fogarty International Centers, NIH, USA on July 26 – 27, 2017
30. Workshop on “**One Day Biosafety Cabinet Hands on Workshop**” jointly organized by Pakistan Biological Safety Association, Lahore University of Management Sciences, Lahore and Fogarty International Centers, NIH, USA on May 21, 2017
31. One day workshop on “**Basic Concept of Biosafety**” organized by Department of Epidemiology & Public Health, University of Veterinary & Animal Sciences, Lahore on May 10, 2017

32. One day hands-on training workshop on **“Biosafety and Biosecurity: Principles and Practices”** jointly organized by Pakistan Biological Safety Association and Virtual University of Pakistan, Lahore on April 21, 2017
33. One day hands-on training workshop on **“Strategies to Develop Biosafety Culture in Laboratories”** jointly organized by Pakistan Biological Safety Association and Govt. Sadiq College Women University, Bahawalpur on April 03, 2017
34. Three days workshop on **“Train the Trainer”** jointly organized by Pakistan Biological Safety Association and Fogarty International Centers, NIH, USA on March 26 – 28, 2017
35. One day workshop on **“BioRisk Management in Biological Labs”** jointly organized by Pakistan Biological Safety Association and University of College of Veterinary and Animal Sciences, Islamia University, Bahawalpur on January 07, 2017
36. Two weeks workshop on **“Lab Assisted Disease Diagnostic Techniques”** organized by University Diagnostic Lab, University of Veterinary and Animal Sciences, Lahore on December 26, 2016 to January 06, 2017
37. Four days workshop on **“Preparing Biological Laboratories for Certification in Biorisk Management”** jointly organized by Pakistan Biological Safety Association, Fogarty International centers, NIH, USA and International Council for the Life Sciences, USA on December 10 – 13, 2016
38. Three days workshop on **“Biosafety Training in KPK with a Skill based Approach”** jointly organized by Pakistan Biological Safety Association, Health Security Partner, USA and American Society for Microbiology, USA on November 16 – 18, 2016
39. One day workshop on **“A Day with Biosafety”** Jointly organized by Pakistan Biological Safety Association and Centre of Excellence in Molecular Biology, Lahore on October 25, 2016
40. Five days workshop on **“Train the Trainer”** jointly organized by Pakistan Biological Safety Association and Fogarty International centers, NIH, USA on August 01 – 05, 2016
41. Three days workshop on **“Advanced Laboratory Techniques – I”** organized by University of Veterinary and Animal Sciences, Lahore on July 20 – 22, 2016
42. Two days workshop on **“UHS-ASM Microbiology Quality Control and Biosafety Workshop”** jointly organized by Department of Microbiology, University of Health Sciences, Lahore, American Society for Microbiology and Pakistan Biological Safety Association on June 03 – 04, 2016
43. Two days workshop on **“Lab Assisted Disease Diagnostic Techniques”** organized by University Diagnostic Lab, University of Veterinary and Animal Sciences, Lahore on June 02 – 06, 2016
44. Two days workshop on **“Lab Assisted Disease Diagnostic Techniques”** organized by University Diagnostic Lab, University of Veterinary and Animal Sciences, Lahore on May 31 – June 01, 2016
45. Two days workshop on **“Molecular Based Testing of Microbial Contaminants in Bull’s Semen”** organized by University Diagnostic Lab, University of Veterinary and Animal Sciences, Lahore on May 30 – June 01, 2016
46. Two weeks workshop on **“Molecular and Microbiological Lab Techniques”** organized by University Diagnostic Lab, University of Veterinary and Animal Sciences, Lahore on May 24 – June 06, 2016
47. Five days workshop on **“Master Trainer Program for Laboratory Biosafety and Risk Management”** jointly organized by University of Veterinary and Animal Sciences, Lahore on September 7 – 11, 2015
48. Three days workshop on **“Biosafety Awareness Workshop”** organized by Pakistan Academy of Sciences, Islamabad on August 27 – 29, 2015
49. Two days workshop on **“Biosafety and Biosecurity”** organized by Lahore College Women University, Lahore on August 18 – 19, 2015.
50. Five days workshop on **“Basic Laboratory Techniques”** organized by University of Veterinary and Animal Sciences, Lahore on August 3 – 7, 2015
51. Three days workshop on **“Molecular Diagnostics”** organized by University of Veterinary and Animal Sciences, Lahore on June 23 – 25, 2015.
52. Two days **“National Workshop on Controlling Biorisk in Lab”** jointly organized by University of Veterinary and Animal Sciences, Lahore and Institute of Pharmaceutical Sciences, Lahore on May 11 – 12, 2015
53. One day workshop on **“Practical Aspects of Poultry Health Management”** organized by University of Veterinary and Animal Sciences, Lahore on February 4, 2015.
54. Three days International Workshop on **“Biosafety”** jointly organized by University Diagnostic Lab, Pakistan Biological Safety Association, International Council for the Life Sciences, USA and Fogarty International

Center, National Institutes of Health, USA at University of Veterinary and Animal Sciences, Lahore on December 18 – 20, 2014.

55. Two days workshop on “**Laboratory Animals Hands-on Workshop**” organized by University Diagnostic Lab, UVAS, Lahore from June 18 – 19, 2014
56. One week workshop on “**Laboratory Techniques in Microbiology**” Department of Microbiology in collaboration with University Diagnostic Lab, UVAS, Lahore January 27 – February 01, 2014
57. Three days training workshop on “**Accreditation of Labs over ISO 17025**” organized by University Diagnostic Lab, UVAS, Lahore from December 4 – 6, 2013.
58. Two days training on “**Biologics Production Using Indigenous Isolates of *Mycoplasma gallisepticum***” organized by UVAS, Lahore in Collaboration with University of Connecticut, USA from November 25-26, 2013
59. Four days “**Biosafety Training Workshop 2**” organized by Karakorum International University, Gilgit from October 23-26, 2013
60. Five days training “**In-Service Competency Enhancement Training for Teachers (I-SCETT)**” organized by UVAS, Lahore from July 1-5, 2013.
61. Three days Workshop on “**Emerging Superbugs: Standardizing Antimicrobial Susceptibility Testing, Surveillance and Lab Biosafety Hands-on**” organized by Aga Khan University, Karachi in collaboration with University of Virginia, USA from February 25-27, 2013.
62. Two days workshop on “**Current Approaches for the Diagnosis and Control of Avian Mycoplasmas**” organized by UVAS, Lahore in collaboration with University of Connecticut, USA from September 3-4, 2012.
63. Three days “**Advanced Training on Lab Management System based on ISO 15189:2007**” organized by Quality Management System (QMS) 9000 at Hotel Park Plaza, Lahore from December 29-31, 2010
64. One week **Laboratory Training on Microbiology** for Staff of Ayub Agricultural Research Institute, Faisalabad, as requested by their Soil Bacteriologist, from June 15-21, 2005.
65. One week **Training of Microbiological Techniques in UDL- “Antibiotic Residues in Milk”** to Miss Samia Sabir a postgraduate student of Univ. of the Punjab, Lahore, from May 30- June 4, 2005.
66. Two weeks **Specific Training on Laboratory Diagnosis** to a private sector professional Mr. Zahid Manzoor, for establishing a Private Poultry Diagnostic Lab at Pinwal Road, district Chakwal, from May 10-24, 2005.
67. Two weeks Training on “**Use of Lab-Assisted Techniques for Disease Diagnosis**” to Mr. ZeeshanNayyer, from April 11- 23, 2005.
68. Two week “**Training on Poultry Disease Diagnostics**”, to staff of Livestock Deptt. district Loralai, Balochistan, Dr. Habib Ullah, from January 25- February 05, 2005.

PERSONAL BIO DATA

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