

## BIOGRAPHICAL SKETCH



| NAME                                                                        | POSITION TITLE                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dr. Amjad Islam Aqib<br>(PhD, M.Sc. Hons, DVM)<br>(HEC Approved Supervisor) | Assistant Professor<br>Department of Medicine<br>Cholistan University of Veterinary and Animal<br>Sciences, Bahawalpur-Pakistan.                                                                                                                      |
| Email addresses                                                             | <a href="mailto:amjadislamaqib@cuvas.edu.pk">amjadislamaqib@cuvas.edu.pk</a> (Official)<br><a href="mailto:amjadwaseer@gmail.com">amjadwaseer@gmail.com</a> (Personal)                                                                                |
| Researcher IDs                                                              | <u>ORCID</u> <a href="https://orcid.org/0000-0001-7618-3948">https://orcid.org/0000-0001-7618-3948</a><br>Scopus ID: 57190972427<br>Web of Science: AAE-6956-2020<br>Google scholar <a href="#">Amjad Islam Aqib</a> - <a href="#">Google Scholar</a> |
| 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,<br>Punjab-Pakistan                                                                                                                                                                                     |
| Publication statistics                                                      | <b>Impact Factor=277.264</b><br><b>H-index=24, I-10 index=50,</b><br><b>Citations (google scholar)=1907</b>                                                                                                                                           |
| Reviewer and editorial<br>statistics                                        | <b>Reviewer role:</b> Publisher=12, No. of journals<br>reviewed=30, No.of Manuscript reviewed=60<br><b>Editor role:</b> Publisher=05, Journal=10                                                                                                      |

## EDUCATION

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

## DATA ANALYSIS SOFTWARES:

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

## 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

## HONORS & AWARDS

1. ***First Position*** by achieving highest impact factor in five year (2018-23) research data for faculty
2. ***First Position*** by achieving highest impact factor in year 2024 research data for faculty
3. **Best research Project Award** during year 2018-2023
4. ***Letter of Appreciation*** for developing One Health Research Lab in Cholistan University of Veterinary and Animal Sciences, Bahwalpur
5. ***Award of Travel grant*** from Health Security Partner, USA for

- International Conference on Biosafety and Biosecurity held in Philippine during 7-10 September, 2024
6. **First position** poster competition (Winner prize Rs. 50,000). M.Ijaz, A.Ghaffar, A.Ali, SH Farooqi, YR Khan, **Al Aqib**. International Buffalo Congress (IBC 2019)-18-19 February 2019 held in Pearl Continental, Lahore-Pakistan.
  7. **3<sup>rd</sup> Position** in all Pakistan Poster competition on 2<sup>nd</sup> Annual Bovine Udder Health Symposium held on November 27, 2019
  8. **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.
  9. **Best Oral Presentation award (3<sup>rd</sup> position)** 4<sup>th</sup> One Health International Conference (24-25th Nov-2022) at CVAS Jhang, Pakistan.

### 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 of 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:** Ongoing
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

#### **TEACHING EXPERIENCE ( Year 2025 is 8<sup>th</sup> Year as Assistant Professor)**

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

#### **ADMINISTRATIVE EXPERIENCE**

- Manager Research Management, CUVAS Bahawalpur (*March 2019-continued*).
- President One health Club CUVAS Bahawalpur (*Year 2019-continued*)
- Assistant Director, Advanced Studies, CUVAS Bahawalpur (*Year 2025-continued*)
- Secretary "Ethical Review Committee", CUVAS Bahawalpur (January 07, 2020- Continued)
- Assistant Superintendent (Jinnah Hostel), University of Agriculture, Faisalabad, January 2018-Nov 2018

#### **EDITORIAL PROFILE:**

- **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](#)
- **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](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>

### POST GRADUATE STUDENT SUPERVISION

#### INTERNATIONAL POST-GRADUATE STUDENTS SUPERVISED

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

#### NATIONAL STUDENTS SUPERVISED

| Sr. No. | Dept/University<br>name | Thesis title | Degree/Student<br>name | Role |
|---------|-------------------------|--------------|------------------------|------|
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|----|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------|
| 1. | Department of Parasitology, University of Agriculture Faisalabad                        | Prevalence and associated determinants of gastrointestinal parasites in houbara bustard of district Bahawalpur, Punjab, Pakistan           | <u><b>M.Phil.</b></u><br>Gohar Akbar<br>2021           | Co-supervisor |
| 2. | Department of Theriogenology, University of Agriculture Faisalabad                      | Assessment, antibiogram, and resistance modulation of <i>E. coli</i> isolated from bovine endometritis                                     | <u><b>M.Phil.</b></u><br>Muzammil Talib<br>2021        | Co-supervisor |
| 3. | Department of Theriogenology, University of Agriculture Faisalabad                      | Assessment, antibiogram, and resistance modulation of <i>S. aureus</i> isolated from bovine endometritis                                   | <u><b>M.Phil.</b></u><br>Muhammad Ashir Nabeel<br>2021 | Co-supervisor |
| 4. | 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><b>M.Phil.</b></u><br>Muhammad Umer Javed<br>2021   | Co-supervisor |
| 5. | Department of Clinical Medicine and Surgery                                             | Prevalence of biofilm producing <i>Staphylococcus</i>                                                                                      | <u><b>M.Phil.</b></u><br>Fozia Ashraf<br>(2020)        | Co-supervisor |

|    |                                                                                  |                                                                                                                                     |                                                              |               |
|----|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------|
|    | University of Agriculture Faisalabad                                             | <i>aureus</i> and <i>Escherichia coli</i> from dairy origin and their response to antibiotics and zinc microparticles               |                                                              |               |
| 6. | 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 | <b><u>M.Phil.</u></b><br>Fizzah Laeeq Lodhi<br><b>(2020)</b> | Co-supervisor |
| 7. | 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<br><b>(2020)</b>                        | Co-supervisor |
| 8. | Department of Clinical Medicine and Surgery University of Agriculture Faisalabad | Occurrence of Methicillin Resistant <i>Staphylococcus aureus</i> at Animal, Human and Environment interface.                        | <b><u>M.Phil.</u></b><br>Muhammad Shoaib<br><b>(2019)</b>    | Member        |

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|----|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------|
| 9. | Department of Clinical Medicine and Surgery<br>University of Agriculture<br>Faisalabad | Comparative efficacy of <i>Aloe vera</i> extracted gel, manuka honey, and nitrofurazone on full thickness burn wound | Muhammad Fakhar-e-Alam Kulyar<br>(2019) | Member |
|----|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------|

#### ONGOING POSTGRADUATE STUDENTS:

M. Phil 12 (Co-supervisor/member)

PhD 1 (Co-supervisor)

#### PUBLICATIONS

##### BOOKS

| Sr no. | Reference                                                                                                                                                                                                                 | ISBN/ISSN/DOI                                                                                                                                                                                                                                  |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.     | Complementary and Alternative Medicine: Prebiotics and Probiotics. <b>2024.</b> Shahid Hussain Farooqi , Amjab Islam Aqib , Muhammad Arif Zafar , Tayyaba Akhtar , Naila Ghafoor. Unique Scientific Publishers, Pakistan. | ISBN: 978-969-2201-15-5<br><a href="https://uniquescientificpublishers.com/wp-content/uploads/2024/prebiotics-and-Probiotics/1-405.pdf">https://uniquescientificpublishers.com/wp-content/uploads/2024/prebiotics-and-Probiotics/1-405.pdf</a> |
| 2.     | Insights into Drug Resistance in <i>Staphylococcus aureus</i> . <b>2021. Aqib, A.I.,</b> 2021. Editor IntechOpen publisher. Uk.                                                                                           | ISBN: 978-1-83962-743-9<br>ISSN: 2631-6188<br><a href="http://www.intechopen.com/books/insights-into-drug-resistance-in-staphylococcus-aureus">http://www.intechopen.com/books/insights-into-drug-resistance-in-staphylococcus-aureus</a>      |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| 3. | Clinical Vet Guide (domestic Animal Medicine). Editor: Ijaz M. Co-editors: Farooqi, S.H., ... <b>Aqib, A.I.</b> , et al.,2020. 1 <sup>st</sup> Ed., | ISBN#978-969-7517-20-6, 2020 |
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### **BOOK CHAPTERS:**

| Sr no. | Reference                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ISBN/ISSN/DOI              |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| 1.     | Shoaib, M., <b>Aqib, A. I.</b> , 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: Insights Into Drug Resistance in <i>Staphylococcus aureus</i> . IntechOpen. <a href="http://dx.doi.org/10.5772/intechopen.98543">http://dx.doi.org/10.5772/intechopen.98543</a>                                                                                                                                            | ISBN<br>978-1-83962-743-9. |
| 2.     | Muneer, S., Zaheer, T., Ahmad, A., Imran, M., <b>Aqib, A. I.</b> , 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 <a href="http://dx.doi.org/10.5772/intechopen.98443">http://dx.doi.org/10.5772/intechopen.98443</a>                                                                                                                                          | ISBN<br>978-1-83968-756-3  |
| 3.     | <b>Aqib, A. I.</b> , Ijaz, M., Shoaib, M., Muzammil, I., Hussain, H. I., Zaheer, T., Ahmed, R., Sarwar, I., Khan, Y. R., & Naseer, M. A. (2021). <i>Staphylococcus aureus</i> and Dairy Udder [Online First], In: Insights Into Drug Resistance in <i>Staphylococcus aureus</i> . IntechOpen, DOI: 10.5772/intechopen.95864.. Available from: <a href="https://www.intechopen.com/online-first/staphylococcus-aureus-and-dairy-udder">https://www.intechopen.com/online-first/staphylococcus-aureus-and-dairy-udder</a> | ISBN 978-1-83962-743-9     |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4. | <b>Aqib, A. I.,</b> 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:<br><br>978-1-53618-871-4.                                                                                                                                                         |
| 5. | <b>Aqib, A. I.,</b> Ijaz, M., Anjum, A., Kulyar, M., Shoaib, M. & Farooqi, S. (2019). Reconnoitering Milk Constituents of Different Species, Probing and Soliciting Factors to Its Soundness, Milk Production, Processing and Marketing, Khalid Javed, IntechOpen, Available from: <a href="https://www.intechopen.com/books/milk-production-processing-and-marketing/reconnoitering-milk-constituents-of-different-species-probing-and-soliciting-factors-to-its-soundnes">https://www.intechopen.com/books/milk-production-processing-and-marketing/reconnoitering-milk-constituents-of-different-species-probing-and-soliciting-factors-to-its-soundnes</a> . | 10.5772/intechopen.82852                                                                                                                                                                |
| 6. | <b>Aqib, A. I.,</b> 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: <a href="https://www.intechopen.com/books/bacterial-cattle-diseases/leptospirosis-rising-nuisance-for-cattle-and-threat-to-public-health">https://www.intechopen.com/books/bacterial-cattle-diseases/leptospirosis-rising-nuisance-for-cattle-and-threat-to-public-health</a> .                                                                                                                                  | 10.5772/intechopen.82211                                                                                                                                                                |
| 7. | Muzammil, I., <b>Aqib, A. I.,</b> 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="http://www.utkuko.se.com/blog/2020/05/17/our-book-project-data-science-for-covid-19/">http://www.utkuko.se.com/blog/2020/05/17/our-book-project-data-science-for-covid-19/</a> |

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| 8.  | <b>Aqib, A. I.,</b> 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                                                                 | <a href="https://books.google.com.pk/books?hl=en&amp;lr=&amp;id=v4ZOEAAQBAJ&amp;oi=fnd&amp;pg=PA72&amp;ots=Fe2veaXbEP&amp;sig=ykvkovJ6Q7PKdMr9pXdLCHhAe24&amp;redir_esc=y#v=onepage&amp;q&amp;f=false">https://books.google.com.pk/books?hl=en&amp;lr=&amp;id=v4ZOEAAQBAJ&amp;oi=fnd&amp;pg=PA72&amp;ots=Fe2veaXbEP&amp;sig=ykvkovJ6Q7PKdMr9pXdLCHhAe24&amp;redir_esc=y#v=onepage&amp;q&amp;f=false</a> |
| 9.  | <b>Aqib, A. I.,</b> Muzammil, I., Tanveer, Q., Muzammal, S. & Ahmad, A. Other diseases and their differential diagnosis of COVID-19. In: Epidemiology, Biochemistry, Diagnostics and Treatment, Bentham Publishers                                                                 | <a href="https://benthambooks.com/future-series-by-subject/medical-sciences/sub-category/anti-infectives-and-infectious-diseases/">https://benthambooks.com/future-series-by-subject/medical-sciences/sub-category/anti-infectives-and-infectious-diseases/</a>                                                                                                                                         |
| 10  | Ulhaq, I., Basit, A., Ali, I., Hussain, F., Ali, Z., Siddique, F., Ahmed, H., <b>Aqib, A. I. &amp;</b> Rahim, K. Coronavirus Disease-2019 (COVID-Epidemiology. Coronavirus Disease 2019 (COVID-19). In: Epidemiology, Biochemistry, Diagnostics and Treatment, Bentham Publishers. | <a href="https://benthambooks.com/future-series-by-subject/medical-sciences/sub-category/anti-infectives-and-infectious-diseases.">https://benthambooks.com/future-series-by-subject/medical-sciences/sub-category/anti-infectives-and-infectious-diseases.</a>                                                                                                                                         |
| 11. | Zaheer, T., Imran, M., <b>Aqib, A.I.,</b> Pal, K., Tahir, A., Zaheer, I., Abbas, R.Z., (2021). Key Challenges and Scopes of Biomaterials Commercialization: Therapeutic Delivery. In: Pal K. (eds) Bio-manufactured Nanomaterials. Springer, Cham.                                 | <a href="https://doi.org/10.1007/978-3-030-67223-2_15">https://doi.org/10.1007/978-3-030-67223-2_15</a>                                                                                                                                                                                                                                                                                                 |

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| 12 | <b>Aqib, A.I.</b> , 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 <sup>st</sup> Ed. Taylor & Francis.                                                | <a href="#">ISBN 9780367647810</a>                                                                                                                                                                            |
| 13 | Ijaz, M., <b>Aqib, A.I.</b> , 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 <sup>st</sup> Ed. Taylor & Francis.                                                                                        | <a href="#">ISBN 9780367647810</a>                                                                                                                                                                            |
| 14 | <b>Aqib, A.I.</b> , 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. | <a href="https://benthambooks.com/future-series-by-subject/life-sciences/sub-category/genetics/genomics/">https://benthambooks.com/future-series-by-subject/life-sciences/sub-category/genetics/genomics/</a> |
| 15 | <b>Aqib, A.I.</b> , 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.                                           | <a href="https://benthambooks.com/future-series-by-subject/life-sciences/sub-category/genetics/genomics/">https://benthambooks.com/future-series-by-subject/life-sciences/sub-category/genetics/genomics/</a> |
| 16 | Shoaib, M., <b>Aqib, A.I.</b> , 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                                                                                                                                                                                     |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17 | <b>Aqib, A.I.</b> , Wanxia, P., Ijaz, M., Shoaib, M., Nabeel, M.A., Abbas, M.Z., (2021).In: Abbas, R.Z & Khan, Ahrar,(eds) Veterinary Pathobiology and public health. Unique Scientific Publishers.                                                                                                                                                                 | ISBN:<br>978-969-2201-00-1                                                                                                                                                                                                                                      |
| 18 | <b>Aqib, A.I.</b> , Zaheer, T., Usman, M., Arslan, M, Atta, K., (2022). Nanotechnology in vaccine development and constraints. In: Pal, K., (eds). Nanovaccinology outbreak as targeted therapeutics". Wiley, Scrivener Publishing. <a href="https://doi.org/10.1002/9781119858041.ch17">https://doi.org/10.1002/9781119858041.ch17</a> . Online ISBN:9781119858041 | Online ISBN:9781119858041                                                                                                                                                                                                                                       |
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|      | Zool. DOI:<br><a href="http://dx.doi.org/10.17582/journal.pjz/2017.49.6.2011.2017">http://dx.doi.org/10.17582/journal.pjz/2017.49.6.2011.2017</a>                                                                                                                                                                                                                                   |       |                  |               |
| 110. | Shahid Hussain Farooqi, Muhammad Ijaz, Muhammad Hassan Saleem, Muhammad Imran Rashid, Syed Saleem Ahmad, Saher Islam, <b>Amjad Islam Aqib</b> , 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 |
| 111. | <b>Amjad Islam Aqib</b> , 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 Staphylococcus aureus, 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 | Principal author | National      |
| 112. | Muhammad Ijaz, Shahid Hussain Farooqi, <b>Amjad Islam Aqib</b> , 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      |
| 113. | <b>Amjad Islam Aqib</b> , Muhammad Ijaz, Riaz Hussain, Aneela Zameer Durrani, Aftab Ahmad Anjum, Arif Rizwan, Saba Sana, Shahid                                                                                                                                                                                                                                                     | 0.822 | Principal author | National      |

|                            |                                                                                                                                                                                                                                                                                                                                                                                                              |       |           |                |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|----------------|
|                            | 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.                                                                                                                                                                                                               |       |           |                |
| 114.                       | Rais Ahmed, Khushi Muhammad, Masood Rabbani, Muhammad Sarwar Khan, Muhammad Asad Ali, Saira Naureen, Faria Kanwal, Sohail Raza, <b>Amjad Islam Aqib</b> , 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       |
| 115.                       | Muhammad Saeed, Aneela Zameer Durrani, Muhammad Arif Khan, Azhar Maqbool, Muhammad Avais, Muhammad Younus, <b>Amjad Islam Aqib</b> , 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       |
| <b>Total Impact factor</b> |                                                                                                                                                                                                                                                                                                                                                                                                              |       |           | <b>277.264</b> |

#### EDITORIAL COLUMNS/CONCEPTUAL PAPERS:

1. **Amjad Islam Aqib** and Iqra Muzammil. "Cytokine and Oxidative Stress, Indicator of Mastitis". EC Veterinary Science 5.4 (2020): 60-61.
2. **Amjad Islam Aqib** and Maham Ali. "Role of Nanoparticles in Antimicrobial Resistance Modulation". EC Veterinary Science 4.8 (2019): 653-655.
3. **Amjad Islam Aqib** and Amna Ahmad. "Camel Milk an Alternative

Therapeutic for Diabetes". EC Veterinary Science ECO.02 (2019): 10-13.

4. **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.

#### **ABSTRACTS PUBLISHED**

1. **Amjad Islam Aqib**, Mahreen Fatima. 2023, Emerging *Staphylococcus aureus* Infection in Livestock and Impacting Public Health. International Conference one Health Security, Lahore (**Abstract Published**)
2. Sana Zia, Afshan Muneer, **Amjad Islam Aqib**, Tasleem Kausar, Mahreen Fatima. 2023 Meltformin in the treatment of infertility in Polycystic Ovary Syndrome. International Conference one Health Security, Lahore (**Abstract Published**)
3. Afshan Muneer, **Amjad Islam Aqib**, Qandeel Ashraf, Sana Zia, Tasleem Kausar, Mahreen Fatima, 2023. Moringa Olifera as an effective Nutraceutical Candidate to promote Health Remedy against Antimicrobial Resistance International Conference one Health Security, Lahore (**Abstract Published**)
4. Sana Zia, **Amjad Islam Aqib**, Afshan Muneer, Mahreen Fatima, Khazeena Atta, Tasleem Kausar, C-Neen Fatima Zaheer, Irfan Ahmad, Mohd Saeed. 2023. Insights into nanoparticles- induced neurotoxicity and cope up strategies. International Conference one Health Security, Lahore (**Abstract Published**)
5. <sup>1</sup>Maheen Murtaza, <sup>1</sup>Afshan Muneer, <sup>2</sup>Dr Amjad Islam Aqib, <sup>3</sup>Arslan Saleem, <sup>4</sup>Ahmad Waseem, <sup>5</sup>**Mahreen Fatima**. 2022 **Potential insights in the life of houbara bustard, threatened species** 4<sup>th</sup> International Conference on Emerging Trends in Bioinformatics & Biosciences
6. <sup>1\*</sup>Sana Zia, <sup>1</sup>Tasleem Kausar, <sup>2</sup>Amjad Islam Aqib, <sup>3</sup>Afshan Muneer, <sup>4</sup>**Mahreen Fatima**. 2022 **Recent Biomedical Applications of Nano-formulations their Toxicity and Cope-up Strategies** 4th One Health International Conference, CVAS, Jhang.
7. **Mahreen Fatima**<sup>1</sup>, Sana Zia<sup>2</sup>, Afshan Muneer<sup>3</sup>, Amjad Islam Aqib<sup>4</sup> . **Environmental Change as Determinants of Polycystic Ovarian Syndrome** 4th One Health International Conference, CVAS, Jhang.
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. **Al 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 37<sup>th</sup> Food Safety Conference, PCSIR labs, Lahore (Abstract Published)

10. M Riaz, **Al 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)
11. 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.
12. Camel Milk; A blessing to Public health hazard in the form of mastitis- Review. **Amjad Islam Aqib**, Muhammad Ijaz, Shahid Hussain Farooqi, Mahboob Ali, Paimda 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.
13. Conventional and Molecular Technique Based Epidemiology of Public Health Concern Methicillin Resistant Staph aureus in Milk. **Amjad Islam Aqib**, Muhammad Ijaz, Shahid Hussain Farooqi, Awais Ghaffar, Ahmad Ali, Sehrish Saleem, Maria Azmat. LGU 2017. 1st International Conference on Biotechnology. 11-12th October, Lahore, Pakistan.
14. Mahboob Ali, Muhammad Awais, **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
15. **Amjad Islam Aqib**, Samman Gul Vaseer, Muhammad Fakhar-e-Alam Kulyar, Khurram Ashfaq, Zeeshan Ahmad Bhutta, Muhammad Shoaib, Rais Ahmed. Molecular and pathophysiological analysis of camel milk insulin. 3rd International Conference on Emerging Trends in Engineering, Management & Sciences (ICETEMS-2018), City University of Science & Information Technology (CUSIT), Peshawar (Ref No. ICETEMS-18-085). October 18-20, 2018; Page 59.

16. **Amjad Islam Aqib**, Khadija Yasmeen, Samman Gul Vaseer, Shagufta Nighat, Muhammad Aamir Naseer, Muhammad Shoib, Muhammad Fakhr-e-Alam Kulyar, Rais Ahmed. 2018. Recent trend of dairy milk *Staphylococcus aureus*' antibiotic resistance, and its modulation by non-steroidal anti-inflammatory drugs. 3rd International Conference on Emerging Trends in Engineering, Management & Sciences (ICETEMS-2018), City University of Science & Information Technology (CUSIT), Peshawar (Ref No. ICETEMS-18-085). Page 059). 18-20 October 2018, page 60
17. Muhammad Ijaz, Shahid Hussain Farooqi, **Amjad Islam Aqib**, Pinda Bakht, Ahmad Ali, Awais Ghaffar, Sehrish Saleem. Sero-epidemiology of bovine leptospirosis and associated risk factors in flood affected zones of Pakistan. 2nd international Conference, New Trends in Natural Sciences Public Health, Food, Nutrition, and Safety. Lahore College For Women University (NTNS-II, 2018), October 24-26, 2018.
18. Tayyab-ur-Rehman, Rizwan Aslam, Amjad Islam Aqib, Asad Manzoor, Muhammad Shoaib, Muhammad Fakhar-e-Alam, Zeeshan Ahmad Bhutta<sup>2</sup>, Sagheer Abbas, Iqra Sarwar<sup>2</sup>, Muhammad Aamir Naseer<sup>2</sup>, Ali Hasan, Masood Sadiq, SanaUllah. Identification and drug susceptibilities of vancomycin and methicillin resistant strains in hospital acquired *Staphylococcus aureus*. 3rd International Conference on Emerging Trends in Engineering, Management & Sciences (ICETEMS-2018), Karakoram International University (KIU), Gilgit. November 10-11, 2018.
19. Muhammad Shoaib, Sajjad-ur- Rahman, **Amjad Islam Aqib**, Sultan Ali, Khurram Ashfaq, Muhammad Salman Younas, Ahsan Naveed, Tayyab-ur-Rehman, Muhammad Fakhar-e-Alam Kulyar, Iqra Sarwar, Zeeshan Ahmad Bhutta. Epidemiology and antibiogram of methicillin resistant *Staphylococcus aureus* in pets, pet owners and their environment. Karakoram International University (KIU), Gilgit. November 10-11, 2018.
20. SH Farooqi, M Ijaz, MI Rashid, M Younus, AI Aqib, MR Ullah, HM Ahmad, MA Idress, A Khan. Molecular Characterization and *In-vivo* therapeutic trial against tropical bovine theleriosis in water buffalo. *In:Proceedings of International buffalo congress-IBC-2019 (Abstracts)*, February, 18-20 Lahore Pakistan. Journal of Veterinary and Animal Sciences. Volume 6 (Supplementary-1) **2019**. Page 14.
21. Muhammad Aamir Naseer, **Amjad Islam Aqib**, Muhammad Ijaz Saleem, Muhammad Shoaib, Iqra Sarwar, Sagheer Abbas, Muhammad Fakhar-e-Alam Kulyar, Zeeshan Ahmad Bhutta, Muhammad Asif. Emergence of biofilm character in *Staphylococcus aureus* of buffalo milk, and altered antibiogram. *In:Proceedings of International buffalo congress-IBC-2019 (Abstracts)*, February, 18-20 Lahore Pakistan. Journal of Veterinary and

Animal Sciences. Volume 6 (Supplementary-1) 2019. Page 35.

22. MA Khan, S. Bahadar, A Sultan, R. Khan, S. Ullah, A. Rehman, M. Tariq, S. Khan, Al Aqib. Distribution of Brucellosis in various suspected animal species and exposed personals of northern Khyber Pakhtunkhwa province, Pakistan. *In: Proceedings of International buffalo congress-IBC-2019 (Abstracts)*, February, 18-20 Lahore Pakistan. Journal of Veterinary and Animal Sciences. Volume 6 (Supplementary-1) 2019. Page. 46.
23. M Ijaz, A Ghaffar, A Ali, SH Farooqi, YR Khan, Al Aqib. Seroprevalence of leptospirosis and its association with reproductive and productive parameters from buffalo population of Ranjanpur and Muzaffargarh districts of Pakistan. *In: Proceedings of International buffalo congress-IBC-2019 (Abstracts)*, February, 18-20 Lahore Pakistan. Journal of Veterinary and Animal Sciences. Volume 6 (Supplementary-1) 2019. Page.69.
24. Arslan Rashid, **Amjad Islam Aqib**, Ashar Mahfooz, Muhammad Aamir Naseer, Muhammad Fakhar-e-Alam Kulyar, Muhammad Shoaib, Zeeshan Ahmad Bhutta, Muhammad Rafey Burhan, Masood Sadiq, Khadija Yasmeen. Clinico-epidemiology of newly admitted vancomycin resistant *Staphylococcus aureus* isolated from bovine, farm workers, and their environment. *In: Proceedings of International buffalo congress-IBC-2019 (Abstracts)*, February, 18-20 Lahore Pakistan. Journal of Veterinary and Animal Sciences. Volume 6 (Supplementary-1) 2019. Page. 76
25. Sagheer Abbas, **Amjad Islam Aqib**, Khurram Ashfaq, Muhammad Shoaib, Iqra Sarwar, Muhammad Fakhar-e-Alam Kulyar, Syed Ahsan Raza Shah, Muhammad Ahsan Anwar, Muhammad Rafey Burhan, Masood Sadiq, Tayyab-ur-Rehman, Muhammad Aamir Naseer. Tracking the altered prevalence and antibiogram of *E. coli* in bovine milk, environment, and farm workers' interface. *In: Proceedings of International buffalo congress-IBC-2019 (Abstracts)*, February, 18-20 Lahore Pakistan. Journal of Veterinary and Animal Sciences. Volume 6 (Supplementary-1) 2019. Page. 82.
- 26.. Khurram Ashfaq, **Amjad Islam Aqib**, Mughees Aizaz Alvi, Muhammad Haleem Tayyab, Muhammad Fakhar-e-Alam Kulyar, Afnan Ahmad Tayyab, Sagheer Abbas, Muhammad Aamir Naseer, Muhammad Shoaib. Hepatoprotective evaluation of silymarin against carbon tetrachloride (ccl4) and diclofenac sodium. 4<sup>th</sup> International Conference on Agriculture, Food and Animal Sciences (ICAFAS-2019). Sindh Agriculture University Tandojam, Pakistan. 21-22, 2019. page 92-93.
27. MRB Bhatti, **Al Aqib**, A Zain. A Sagheer, ANR Muhammad, UK Muhammad, Epidemiology of Milk borne diseases. 4<sup>th</sup> International Conference on Agriculture, Food and Animal Sciences (ICAFAS-2019). Sindh Agriculture

University Tandojam, Pakistan. 21-22, 2019. page 88.

28. Hafiz Iftikhar Hussain, Mujahid Iqbal, **Amjid Islam Aqib**, Syed Zahid Ali Shah, Haihong Hao. 2020. Zoonotic Threat of Antibiotic Resistant and Virulent Avian Pathogenic *Escherichia coli*. Virtual One Health Conference. 25-26 November. Department of Pathobiology, College of Veterinary and Animal Sciences, Jhang-Pakistan. page no.174. **(Abstract Published)**.
29. 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.
30. Hassan, S., Noreen, H., **Aqib, A.I.**, Ain, Q.U., Bashir, M., Qureshi, M.A., Jan, M., Rafiq, M., Nisar, M.F., (2021). Study fo the antioxidants, antimicrobial, and cytotoxicity potntialjal of *Veronia cinerascens*. International conference on interdisciplinary innovation and invention in biochemistry and nanotechnology (IIIBN-2021). P-IIIBN-36), P:78 The Women University Multan, Pakistan. 24-26, November 2021.
31. 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.
32. Amna, A., Imran, M., Sajid, M.S., **Aqib, A.I.**, Sindhu, Z., Siddique, A., (2021). Fish borne zoonosis: Major food safety concern. 1<sup>st</sup> International conference on research in biological sciences, 26<sup>th</sup> September. Pp. 08
33. Amna, A., Imran, M., Sajid, M.S., **Aqib, A.I.**, Sindhu, Z., Siddique, A., (2021). 4<sup>th</sup> International conference on applied zoology. P-9/ICAZ-2021: pp-110. November 24-25.

#### **INTERNATIONAL/NATIONAL CONFERENCES:**

1. 1<sup>st</sup> national Conference on Microbiology Infectious Diseases and Health Safety. Department of Microbiology, University of Swabi, Swabi-KPK-Pakistan, 4-5<sup>th</sup> April 2019 **(Oral presentation)**
2. Global Challenges of Antimicrobial Resistance. Department of Microbiology, Government College University, Faisalabad, Pakistan. November 15, 2018

3. 5<sup>th</sup> International Conference on Environmental Horizons. Department of Chemistry, University of Karachi, Pakistan. January 11-13, 2019.
4. International Buffalo Congress (IBC-2019). University of Veterinary and Animal Sciences, Lahore, Pakistan. February 18-19, 2019.
5. International Conference on Emerging Trends in Engineering. Department of Business Management, Karakorum International University, Gilgit. Pakistan. November 10-11, 2018. (Oral presentation)
6. Two days International Conference on "Dairy Animal Health Challenges (DAHC-2018). 17-18, January 2018. Faculty of Veterinary Science, University of Agriculture, Faisalabad, Pakistan.
7. One Health International Conference (OHC-2017), College of Veterinary & animal Sciences (CVAS) Jhang, November 13-15, 2017. **(Oral Presentation)**
8. "8<sup>th</sup> International Annual Health Research Conference". Monday 24 to Wednesday 26, April 2017 Khyber Medical University, Khyber Pakhtunkhwa, PAKISTAN. **(Oral presentation)**
9. 1<sup>st</sup> International Conference on Bio-Technology 2017 Challenges and opportunities in Pakistan. 11-12 Oct 2017. Lahore Garrison University, Lahore Pakistan, Pakistan. **(Poster presentation)**
10. International symposium on Dairy Animal Reproduction (ISDAR) 30-31-2015 (University of Veterinary and Animal sciences, Lahore)
11. 37<sup>th</sup> 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)**
12. HHRD, 6<sup>th</sup> Annual Conferences, Livestock and dairy development, 2014 (University of Veterinary and Animal sciences, Lahore)
13. 2<sup>nd</sup> international dairy conference at Peshawar University, 18-20 November 2013 (University of Agriculture Peshawar) **(Poster presentation)**

#### **POPULAR PRESS ARTICLES:**

1. CAMEL MILK-AN OVERLOOKED BLESSING. The Nation. Dated 07-oct-2016. <http://nation.com.pk/lahore/07-Oct-2016/camel-milk-an-overlooked-blessing>
2. Leptospirosis Needs Immediate Attention as Zoonotic Bovine Animal

Disease. THE PAKISTAN TIMES. Dated 28-april-2017.

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. Babesiosis-an omnipresent animal malaise, article of interest for clinician and researchers. Muhammad Asjad, Maham Ali, Huda Ahmad, Dr. Amjad Islam Aqib. 24-31 March, 2019. page 10, issue 20. Veterinary News and Views (Weekly), Faisalabad.
5. Antibiotic Use should be cartel. Amjad Islam Aqib, Muhammad Tahir Sarfraz Khan, Muhammad Muneeb, Arslan Mehmood, Muhammad Kashif. 24-31 March, 2019. page 10, issue 20. Veterinary News and Views (Weekly), Faisalabad.

#### **REVIEWER OF SCIENTIFIC JOURNALS**

| Publisher s                             | Journals                                                                                                                                                                                                                       |
|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ELSEVIER<br>(05)                        | Microbial Pathogenesis, International Journal of Pharmaceutics, Heliyon, Ecotoxicology and Environmntal Saftety, Animals and Zoonosis,                                                                                         |
| Springer nature<br>(07)                 | BMC Veterinary Research, Archives of Microbiology, Food and Bioprocess Technology, BMC Microbiology, Scientific Reports, Cell Communication and Signaling, Scientific Reports,                                                 |
| Wiley                                   |                                                                                                                                                                                                                                |
| Talyors and Francis                     |                                                                                                                                                                                                                                |
| PLOSE ONE                               |                                                                                                                                                                                                                                |
| MDPI<br>(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                               |                                                                                                                                                                                                                                |
| DOVE PRESS                              |                                                                                                                                                                                                                                |
| Benthom                                 |                                                                                                                                                                                                                                |
| University of Agriculture<br>Faisalabad | PAKISTAN VETERINARY JOURNAL                                                                                                                                                                                                    |

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| (01)                        |                                                |
| University of Sindh<br>(01) | UNIVERSITY OF SINDH JOURNAL OF ANIMAL SCEINCES |

#### **HANDS ON WORKSHOP/SYMPOSIUM ATTENDED:**

1. Bioassays for Exploration of Bioactives", 20 March 2018 (Department of Chemistry, University of Agriculture, Faisalabad)
2. "LaTex" Workshop, 23<sup>rd</sup>-24<sup>th</sup> May 2017 (University of Veterinary and Animal sciences, Lahore)
3. Cutting-Edge Techniques in Molecular Research, 12<sup>th</sup> March 2015 (University of Veterinary and Animal sciences, Lahore)
4. "Scientific proposal Writing" 19-20 February 2015 (University of Veterinary and Animal sciences, Lahore)
5. "Advanced Diagnostics in Parasitology" 13<sup>th</sup> -14<sup>th</sup> November, 2015 (University of Veterinary and Animal sciences, Lahore)
6. "Electrophysiology" (21<sup>st</sup> November, 2014, University of Veterinary and Animal sciences, Lahore)
7. "ENDNOTE WRITING MANUSCRIPT" (4<sup>th</sup> December, 2014, University of Veterinary and Animal sciences, Lahore)
8. "INFORMATICS (MICROSOFT OFFICE) FOR WRITING MANUSCRIPTS", 3<sup>rd</sup> December, 2014 (University of Veterinary and Animal sciences, Lahore)
9. "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. METHODS USED IN DOG STERILIZATION", 21 August 2014 (University of Veterinary and Animal sciences, Lahore)
12. "COMPLEMENT FIXATION TEST", 9-10 April 2014 (University of Veterinary and Animal sciences, Lahore)
13. "Clinico-Pathological Investigation of Field Diseases", 3<sup>rd</sup> April 2014 (University of Veterinary and Animal sciences, Lahore)
14. "Use of endnotes", 2<sup>nd</sup> April 2014 (University of Veterinary and Animal sciences, Lahore)

### **RESOURCE PERSON**

1. 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
2. "One Day workshop in statistics", Department of Theriogenology, University of Agriculture, Faisalabad, Pakistan. Dated 18-06-2021.

### **NATIONAL TRAINING**

1. 3 days' "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.

### **INTERNATIONAL TRAINING**

1. . International training workshop on traditional Chinese veterinary medicine and techniques, 08-27 June 2019, Lanzhou, China.

### **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. ALUMNI, University of veterinary and Animal Sciences Lahore
4. British Society for Parasitology (Membership No. 9461)

### **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

### **SPORTS AND GAMES**

- Cricket (2<sup>nd</sup> position in Punjab Youth Festival)
- Badminton

## 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

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- **Dr. Omer Naseer**  
Chairman, Department of Medicine,  
Director Office of Innovation and Commercialization  
Cholistan University of Veterinary and Animal Sciences, Bahawalpur-  
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