CURRICULUM VITAE

Dr. ATIF NISAR AHMAD S/O **Dr. ABID NISAR AHMAD**
Associate Professor (Tenured), Faculty of Veterinary Sciences,
BZ University, Multan, Pakistan

Present Status	Associate Professor (Teaching & Research)
Qualifications:	Ph.D. (Microbiology)
Field of Specialization	Veterinary Microbiology/Immunology
Date of Birth	04-11-1972
Marital Status	Married
N. I. C. No.	42301-8947170-3
Home Address	House No. 359-A Ghulam Muhammapd Abad Faisalabad.
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EDUCATION

SR NO.	Degree	Subjects	Passing Year	Division	Institution
1	**Ph.D.**	Microbiology	2006	1st	University of Agriculture Faisalabad.
2	**M. Sc.**	Microbiology	1999	1st	University of Agriculture Faisalabad.
3	**DVM**	Doctor of Veterinary Medicine	1997	2nd	University of Agriculture Faisalabad.
4	**F. Sc.**	Pre-medical	1992	2nd	Govt. College of Science Faisalabad
5	**Matric**	Science	1989	1st	Laboratory High School University of Agriculture Faisalabad.

TITLE OF Ph.D. THESIS

Adaptation and Attenuation of Infectious Bursal Disease Virus on Embryonated chicken eggs for the Production of Vaccine

TITLE OF M.Sc. (Hons.) THESIS

A Comparative Study on Pathogenesis of Infectious Bursal Disease Virus in Broiler Chickens

EXPERIENCE

1. Experience as Associate Professor (11th June 2016 – today) at the Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan.

2. Eight years-experience as Assistant Professor, Tenure Track (13 Oct. 2008 – 10th June 2016) at the Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan

3. One year and one month experience (4 September 2007-12 oct. 2008) as Lecturer at the Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan.

4. 16 months experience as marketing manager in well pharmaceuticals from 2005 to 2006.

5. Two years experience as senior research officer in the department of microbiology in the University of Agriculture Faisalabad from 2003 -2004.

6. Six months research experience as research officer in the department of microbiology in the University of Agriculture Faisalabad from 2002-2003.

Trainings/Workshops/Seminar

1. Certificate of Completion in "Isolating Emerging Infectious Pathogens During Disease Outbreaks" Training Program (27 Contact Hours) Organized by The University of Tennessee, Institute of Agriculture, College of Veterinary Medicine, USA dated from 8-11 January, 2018 at Bangkok, Thailand.

2. International Conference on Trans-Boundary Diseases of Veterinary and Public Health from October 04, 2018 to October 06, 2018

3. Faculty Training in the Area of Pathobiology Approaches on the Beginning of 2018

4. Poultry Science Conference (PSC@IPEX 2017) dated August 24, 2017 to August 26, 2017

5. Participated in One Day Workshop on Training Modules of DVM Internees Organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan-Pakistan, Dated January 19, 2017.

6. 11th International Biennial Conference of Pakistan Society of Microbiology workshop on December 18, 2017 at BZU Multan

7. Training workshop on DNA Fingerprinting Techniques Spoligotyping dated November 11, 2016 to November 12, 2016

8. Commission, Govt. of Pakistan from October 20, 2016 to October 21, 2016 Participated in 2nd International Conference on Zoonoses-2016, organized by Faculty of Veterinary Sciences Bahauddin Zakariya University, Multan-Pakistan, in collaboration with Higher Education.

9. Participated in Training Course in Diagnosis of Viral Diseases Dated, Organized by Nuclear Institute for Agriculture and Biology Faisalabad NIAB, from September 20, 2016 to September 22, 2016.

10. Participated in One Day Training Workshop on Selection of Research Titles and Research Methodologies, Organized by Food Science & Nutrition, Bahauddin Zakariya University, Multan-Pakistan, Dated May 19, 2016.

11. Participated in 2 days international conference on malnutrition & Food Expo 2016 organized by Institute of Food science & Nutrition, Bahauddin Zakariya University, Multan-Pakistan.

12. Participated in International Livestock Dairy and Poultry Congress -2016 Held at Expo Centre, Johari Town, Lahore, Pakistan, Dated March 16-17, 2016.

13. Participated in 3 days Training Programs on Input Services on Animal Health Care, Feed/Fodder Supplies, And Marketing Organized by ILRI in Collaboration with ICARDA and BZU Multan, under the Agricultural Innovation Programme for Pakistan, Dated 26-28 January, 2016.

14. Participated in One Day Worksop on Training Modules of DVM Internees, Organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan-Pakistan, dated 17 December, 2015.

15. Participated in Workshop of Biosafety in Pakistan-Challenges and Solutions, Organized by Department of Food science & Technology, BZU, Multan, Dated 24 November, 2014.

16. Participated in 1st International Conference on Zoonoses-2014, Organized by Faculty of Veterinary Sciences BZU Multan, Pakistan, in Collaboration with Higher Education Commission of Pakistan, Dated 16-17 October, 2014.

17. Participated in One Day Workshop of Biosafety and Biosecurity Issues-Health, Research and Industry Organized by Biological Safety Association of Pakistan (BSAP), American Society for Microbiology, & Institute of Pure and Applied Biology, BZU Dated 10 December,2013.

18. Participated in one day seminar/workshop on "Biosafety and Biosecurity issuesHealth, Research and Industry" on 10th December, 2013 at Institute of Pure and Applied Biology, Bahauddin Zakariya University, Multan organized by American Society for Microbiology, USA and Institute of Pure and Applied Biology, BZU Multan

19. Participated in 2 days workshop on "Simulation Modeling: A Decision Support System for Agro-technology Transfer for Improving the Standards of Research" Sponsored by HEC. Islamabad, Pakistan. Organized by Department of Agronomy, at University College of Agriculture, Bahauddin Zakariya University, Multan, held on March 04-05, 2013

20. Participated in 2 days Seminar on "Recent Developments in Edible Oil Production and Processing with Special Reference to Pakistan" at University College of Agriculture, Bahauddin Zakariya University, Multan, held on 12th and 13th March, 2012

21. Participated in three Days HEC Workshop on Statistical Modeling for Improving the Standards of Research and Education for University Professionals at University College of Agriculture, Bahauddin Zakariya University, Multan, from 23-25 January, 2012

22. Participated in three days HEC training program on "Cascading of Asian Institute of Technology (AIT), Thailand Based Training Program "Ensuring Training Effectiveness" at University College of Agriculture, Bahauddin Zakariya University, Multan, from 9th to 11th April, 2012

23. Participated in two days Seminar on "Recent Developments in Edible Oil Production and Processing with Special Reference to Pakistan" at University College of Agriculture, Bahauddin Zakariya University, Multan, held on 12th and 13th March, 2012

24. Attended 2 Days workshop on "Project Formulation Workshop" at Bahauddin Zakariya University, Multan, from 20-21 June, 2012 organized by Pakistan Science Foundation (PSF), Pakistan

25. Training course "Integration of biotechnology and conventional techniques for crop improvement" held at CABB. 07-01 2002 to 12-01 -2002

Administrative Assignments in Department and University

1.	PC 1 Formulation "Strengthening of Bahauddin Zakariya University, Multan) Faculty development project FVS. (Punjab Govt.) 997 milllions".	2007 to 2010
2.	In charge : Faculty of Veterinary Sciences	15.1-2009 to 30-4-2009
3.	Coordinator : Faculty of Veterinary Sciences,	15-5-2012 to 4-2-2013
4.	Coordinator : Livestock assistant diploma	02-2-2011 to 01-6-2015
5.	Superintendent : Hamza Hall	11-1-2012 to 18-3-2014
6.	Time table in charge	24-9-2007 to 1-12-2013
7.	Convener, Faculty Purchase Committee	24-8-2012 to 02-4-2013
8.	Convener, Technical Purchase Committee	24-8-2012 to 02-4-2013
9.	Convener, Animal Purchase Committee	24-8-12 to 2-4-13
10.	Chairman, Departmental Disciplinary Committee	24-8-2012 to 02-4-2013
11.	Convener, Technical Review Committee for Purchase	20-12-2012 to 2-4-2013
12.	Member : Examination committee	01-2-2012 to ~30-6-2014
13.	Member : Board of Studies (FVS)	4-07-2012 to ~30-6-2014
14.	Member : Purchase Committee of (FVS)	31-5-2008 to ~30-6-2014
15.	Convenor : Evaluation/ Tech. Scrutiny committee	27-05-2014 to 15-7-2015
16.	Member : Purchase Committee (Dept. of Agronomy, BZU)	09-09-2013 to ~9-9-2015
17.	Member: Distance Education BZU Purchase Committee	8-10-2012 to 21-02-2014

18.	Member: Distance Education BZU Computer lab. Committee	08-10-2012 to 21-02-14
19.	Member: Distance Education BZU Book Purchase Committee	08-10-12 to 21-2-2014
20.	Member: University Purchase Committee	21-2-14 to 28-10-2015
21.	Member: Curriculum and Syllabus Committee (PVMC)	08-11-10 to 08-11-2015
22.	Convener: NAVTAC Admission Committee	03-9-2012 to 02-4-2013
23.	Building In-charge: (Administration Block and Department of Pathobiology)	25-02-2014 to date
24.	Care-Taker: Assisting the Chairman Department of Pathobiology, Faculty of Veterinary Sciences, BZU Multan	18-09-2015 to 30-03-2016
25.	In-charge: Microbiology Section, Department of Pathobiology, Faculty of Veterinary Sciences, BZU Multan	04-04-2016 to 2-1-23
26.	In-charge: Transport for Vehicles pertaining to Faculty of Veterinary Sciences, BZU Multan	11-07-2016 to date
27.	Advisor for Interviews: Punjab Public Service Commission	23-10-2010 to 25-10-10
28.	Member: "Dengue Surveillance Team" for Faculty of Veterinary Sciences, BZU Multan	Notification dated September 18, 2017
29.	Member: "Evaluation/Technical Scrutiny Committee" for Purchases at Faculty of Veterinary Sciences, BZU	Notification dated July 15, 2015
30.	Member: Committee for "Technical Evaluation and Scrutiny of Purchases" at Department of Pathobiology, Faculty of Veterinary Sciences, BZU Multan	Notification dated April 04, 2019
31.	Member: Committee for the selection of Visiting/Part Time Teachers, Faculty of Veterinary Sciences, BZU Multan	Notification dated August 08, 2019
32.	Member: Discipline Committee, Faculty of Veterinary Sciences, BZU Multan	Notification dated July 15, 2015

33.	Member: Examination Committee (for Conducting Admission Test 2018), Department of Pathobiology, Faculty of Veterinary Sciences, BZU Multan	Notification dated December 19, 2018
34.	Member: Examination Committee, Department of Pathobiology, Faculty of Veterinary Sciences, BZU Multan	Notification dated June 03, 2019
35.	Member: Internship Evaluation//Viva Voce Examination of LAD Internees at Faculty of Veterinary Sciences, BZU Multan	Notification dated November 23, 2017
36.	Member: Paper Marking/Setting Committee, Faculty of Veterinary Sciences, BZU Multan	Notification dated July 21, 2010
37.	Member: Technical Purchase Committee, Faculty of Veterinary Sciences, BZU Multan	Notification dated July 15, 2015
38.	Member: Technical Purchase Committee, Faculty of Veterinary Sciences, BZU Multan	Notification dated February 17, 2018
39.	Member: Technical Purchase Committee, Faculty of Veterinary Sciences, BZU Multan	Notification dated May 31, 2018
40.	Member: Editorial and Advisory Board for "Journal of Research" Bahauddin Zakariya University, Multan.	Dated 13, 03, 2020

LIST OF PROJECTS

1. **Co-Principal Investigator (Co-PI)** of Project entitled "Safety Status of Street Vended Fresh Fruit Juice in Pakistan". Cost of the project is Rs. ~4 million and funded by Higher Education Commission of Pakistan. (Status: completed)

2. **Co-Principal Investigator (Co-PI)** of Project entitled "Ecological importance of wildlife diversity in selected protected areas of southern Punjab" Cost of the project is Rs. 0.5 million and funded by Higher Education Commission of Pakistan. (Status: completed)

3. **Principal Investigator (PI)** of Project entitled "Isolation and Identification of Plastic degrading micro-organisms from soil of waste dumping sites", 2024. Cost of the project is Rs. **200,000** and funded by Bahauddin Zakariya University, Multan (Status: In-progress)

4. **Principal Investigator (PI)** of Project entitled "Adaptation and Attenuation of Avian influenza (H9N2) on embryonated Chicken Egg". 2019. Cost of the project is Rs. **200,000** and funded by Bahauddin Zakariya University, Multan (Status: completed)
5. **Principal Investigator (PI**) of Project entitled "Attenuation and molecular detection of Avian influenza virus in the poultry if Southern Punjab, Pakistan". Cost of the project is Rs.**1,75, 000** and funded by Bahauddin Zakariya University, Multan (Status: completed)
6. **Principal Investigator (PI)** of Project entitled "Development of theoretical framework to assess the magnitude of Compylobacter and antibiotic resistance in different food products and its correlation with Compylobacteriosis" ". Cost of the project is Rs.98,000 and funded by Bahauddin Zakariya University, Multan (Status: completed)
7. **Principal Investigator (PI)** of Project entitled "Physico-chemical, microbiological and sensorial evaluation of locally manufactured ready to served fruits juices/drinks". Cost of the project is Rs. 85,000 and funded by Bahauddin Zakariya University, Multan (Status: completed)
8. **Co-Principal Investigator (Co-PI)** of Project entitled "Antioxidant and antimicrobial potential of medicinal plants selected from Southern Punjab". Cost of the project is Rs. 85,000 and funded by Bahauddin Zakariya University, Multan (Status: completed)

LIST OF PUBLICATIONS

Manuscripts published (Impact factor Journals)

1. Duaa Tariq, Muhammad T Sultan, Ahmad Mujtaba Noman, Muhammad Maaz, Hassan Raza, Muhammad Usman Khalid, Atif Nisar Ahmad, Entessar Al Jbawi. 2026. Nutritional profiling, antioxidant activity, and in vivo toxicological evaluation of *Myristica fragrans* seeds: renal-protective insights from molecular docking. International Journal of Food Science and Technology, Vol. 61 (1), Pages: ,vvag081
2. Malika Uzma, Atif Nisar, Atia Iqbal, Shahida Hasnain, Mohamed H. Mahmoud,Muhammad Abdul Rahim,Tehseen Gull,Roberto Castro-Muoz Eliasse Zongo. 2025. Exploring the efficacy of drought tolerant, IAA-producing plant growth-promoting rhizobacteria for sustainable agriculture. Plant Signaling Behavior. 20(1):2452331. **IF:3.6**

3. Shabnam Wazir, Waqas Hussain, Muhammad Afrasiab Khan, Atif Nisar, Safdar Ali, Inam-u-llah, Naveed Ahmad Jhamat, Ghulam Mustafa, Muhammad Sheraz Qureshi, Ravi Dutt Sharma. 2024. Challenges And Opportunities In Healthcare Management In Rural Pakistan. Journal of Population Therapeutics Clinical Pharmacology. 31(1):1115-1120. **IF:1.94**

4. Sabiha Abbas, Mian Kamran Sharif, Muhammad Tauseef Sultan, **Atif Nisar Ahmad**, Muhammad Junaid Anwar, and Meijun Zhu. 2020. Development and characterization of micronutrient fortified sesame cake flour supplemented doughnuts: Characterization of sesame cake flour supplemented doughnuts. Progress in Nutrition [Internet]. 22(4):e2020064. https://www.mattioli1885 journals.com/index.php/progressinnutrition/article/view/8742 **IF: 0.538**

5. MT Sultan, F Aslam, B Rasool, M Imran, **AN Ahmad**, HB Tariq, MI Afzal ... 2020. Nigella sativa ameliorates oxidative stress induced adverse effects in rodent modeling studies: Indices of serum chemistry and hematology. Food Science and Technology 41, 404-411 **IF: 1.718**

6. Zeb A, Ayesha R, Gilani SA, Shahbaz M, Imran A, El-Ghorab A, El-Massry KF, Suleman R, Gondal TA, Asif M, Ahmed S, Afzal MI, Sultan MT, **Ahmad AN**, Imran M. 2020. Safety Assessment of Foods at Capital Hospital of Pakistan through the Hazard Analysis and Critical Control Point System. J Food Prot. 2020 Aug 1;83(8):1387-1395. doi: 10.4315/0362-028X.JFP-18-602. **IF: 2.077**

7. Raiz M, Nazir MM, Tasewar Z, **Ahmad AN**, Ayaz MM, Akram Q, and Lindsay DS. 2019. Molecular epidemiology and prevalence of Theileria lestoquardi and Theileria ovis Infection in goats infested with tick vectors from Multan, Pakistan. Journal of. Med Ent, XXU) 2019.pp 1-5. **IF: 2.435**

8. Nazir MM, Ayaz MM, **Ahmed AN**, Rasheed I, Faraz A, Akram Q, Akhtar S, Maqbool A, Tabassum S, Zheng Y, Lindsay DS. 2018. Prevalence and risk factors for IgG antibodies to Neospora spp. in three types of equids from Southern Punjab, Pakistan. Acta Trop. 2018 Dec;188:240-243. doi: 10.1016/j.actatropica.2018.09.007. **IF: 3.112**

9. Nazir MM, Ayaz MM, **Ahmed AN**, Maqbool A, Ashraf K, Oneeb M, Yasin G, Subhani A, Ali MA, Nazir N, Sajid MA. 2018. Prevalence of Toxoplasma gondii, Neospora caninum, and Sarcocystis Species DNA in the Heart and Breast Muscles of Rock Pigeons (Columbia livia). J Parasitol Res. 2018 May 6; 2018: 6264042. doi: 10.1155/2018/6264042. **IF: 2.289**

10. Nazir, M. M., Akhtar, M., Maqbool, A., Waheed, A., Sajid, M.A., Ali, M. A., **Oneeb, M., Alam, M.A., Ahmad, A.N,** Nazir, N., & Lindsay, D. S. (2017). Antibody prevalence and risk factors for Toxoplasma gondii infection in women from

Multan, Pakistan. *Zoonoses & public health*, *64*(7), 537-542.
IF: 2.702

11. Nazir MM, Oneeb M, Ayaz MM, Bibi F, **Ahmad AN**, Waheed A, Sajid MA, Sultan MT, Yasin G, Lindsay DS. 2017. Prevalence of antibodies to Neospora caninum in the serum of camels (Camelus dromedarius) from central Punjab, Pakistan. Trop Anim Health Prod. 2017 Jun;49(5):1081-1084. doi: 10.1007/s11250-017-1300-1. Epub 2017 May 3. PMID: 28470581 **IF: 1.559**

12. Hussain M, Z Saeed, M Gulsher, R S Shaikh, M Ali, **AN Ahmad**, I Hussain, M Akhtar, F Iqbal. 2016. A report on the molecular detection and seasonal prevalence of Trypanosoma brucei in Dromedary Camels from Dera Ghazi Khan District in Southern Punjab (Pakistan). Tropical Biomedicine. 2016 Jun 1;33(2):268-275. **0.623**

13. Muhammad Tauseef Sultan, Masood Sadiq Butt, Roselina Karim, **Atif Nisar Ahmad**, Rabia Shabbir Ahmad and Waqas Ahmed. 2015. Nigella sativa fixed and essential oil improves antioxidant status through modulation of antioxidant enzymes and immunity". Pakistan Journal of Pharmaceutical Sciences, 28(2): 589-595. **IF: 0.684**

14. Alam MA, Maqbool A, Nazir MM, Lateef M, Khan MS, **Ahmed AN**, Mughal Z, Lindsay DS. **2015.** Prevalence of Entamoeba Histolytica-like cysts compared to *E. histolytica* antigens detected by ELISA in the stools of 600 patients from three socioeconomic communities in the metropolitan city of Lahore, Pakistan. Journal of Parasitology, 101(2), 2015, pp. 236–239. **IF: 1.276**

15. Bibi, F., Qaisrani, S. N., **Ahmad, A. N**., Akhtar, M., Khan, B. N., & Ali, Z. (2015). Occurrence of Salmonella in freshwater fishes: A review. *Journal of Animal and Plant Sciences*, *25*(3), 303-310. **IF: 0.490**

16. Muhammad Sibt-e-Abbas, Masood Sadiq Butt, MT Sultan, Mian Kamran Sharif, **Atif Nisar Ahmad**, Rizwana Batool. 2015. Nutritional and functional properties of protein isolates extracted from defatted peanut flour. International Food Research Journal. 22(4): 1533-1537. **IF: 1.014**

17. M. Tauseef Sultan, Masood Sadiq Butt, Roselina Karim, Shahzad Zafar Iqbal, Shakeel Ahmad, M. Zia-Ul-Haq, Luigi Aliberti, **Atif Nisar Ahmad** and Vincenzo De Feo. (2014).Effect of Nigella sativa fixed and essential oils on antioxidant status, hepatic enzymes, and immunity in streptozotocin induced diabetes mellitus. BMC Complementary and Alternative Medicine. 14:193. doi:10.1186/1472-6882-14-193. **IF: 3.659**

18. Nazir, M. M., Maqbool, A., Akhtar, M., Ayaz, M., **Ahmad, A. N**., Ashraf, K., A Ali A, Alam, M. A., Ali, M. A., Khalid, A. R., Lindsay, D. S. (2014). Neospora caninum prevalence in dogs raised under different living conditions. Veterinary Parasitology. 204(3–4): 364–368. **IF: 2.738**

19. **Ahmad, A. N**., Hussain, I., Akhtar, M., & Bibi, F. **2014**. Comparative Study of Commercially Available Infectious Bursal Disease Vaccine with Egg Attenuated Live Vaccine. Pakistan J. Zool, 46(4), 959-966. **IF: 0.831**

20. Mubashar Rauf, ZI Chaudhary, MY Rana, AA Anjum, MA Ali, **Atif Nisar Ahmad** and Mati ur Rehman Khan. 2013. Identification of Mycoplasma gallisepticum by polymerase chain reaction and conventional diagnostics from white leghorn layer flocks. Journal of Plant and Animal Sciences. 23(2):393-397. **IF: 0.549**

21. Saeed Akhtar, Zia-ur–Rehman, Anjum FM, Zulifqar Ali, and **Atif Nisar**. 2010. Bioavailability of iron and zinc fortified whole wheat flour in rats. Pakistan Journal of Zoology. 42(6)771-779. **IF: 0.831**

22. Saeed Akhtar, Muhammad Riaz, Anwaar Ahmad and **Atif Nisar**. 2010. Physicochemical, microbiological and sensory stability of chemically preserved mango pulp. Pakistan Journal of Botany. 42(2): 853-862. **IF: 0.972**

Journal of Food Sciences & Nutrition. IF: 3.833

23. **A.N. Ahmad**, I. Hussain, M. Siddique and M.S Mahmood. 2005. Adaptation of indigenous Infectious Bursal Disease Virus (IBDV) in embryonated chicken eggs **Pakistan Veterinary Journal**, 25(2), 71-75. **IF: 2.30**

24. I. Hussain, **A.N. Ahmad**, M. Ashfaque, M. Shahid Mahmood and Masood

Akhtar. **2001.** Pathogenic properties of Infectious Bursal Disease Vaccines. **Pakistan Veterinary Journal**, 21(4): 184-190. **IF: 2.30**

Published manuscripts (HEC approved Journals)

1. Fehmeeda Bibi, Muhammad Mudasser Nazir; Atif Nisar Ahmad and Masood Akhtar. 2018. Freshwater Fish Diversity and Their Conservation Status in Southern Punjab, Pakistan: A Review. Pak. J. life soc. Sci. (2018), 16(2): 59-71

2. Fehmeeda Bibi, Shafqat Nawaz Qaisrani, Mazhar Ayaz, Mudasser Nazir, **Atif Nisar Ahmad,** Mian Muhammad Awais, Bushra Nisar Khan and Masood Akhtar. 2018. Occurrence of endoparasites in some selected fishes of Chenab River, Pakistan. Bangladesh J. Zool. 46(1): 53-61, 2018 ISSN: 0304-9027 (print) 2408-8455 (online)

3. M. Tauseef Sultan**, Atif Nisar Ahmad**, Muhammad Suffyan Saddique, Mona Aghazadeh, Muhammad Imran, Mir M. Nasir Qayyum, and Muhammad Sibt-eAbbas. **2014**. Antioxidant and antimicrobial potential of locally sun dried garlic

and ginger powder available in district Layyah, Punjab, Pakistan. **Pakistan Journal of Nutrition**. 13(11): 642-647.

4. Naz, R., Anjum, F. M., Rasool, G., **Nisar, M. A**., Batool, R., & Saeed, F. (2012). Total Trans Fat Content in Commercially Available Hydrogenated Vegetable Oils. **Pakistan Journal of Nutrition**. 11(2), 145-149.

5. M. Tauseef Sultan, Masood Sadiq Butt, **Atif Nisar Ahmad**, Naveed Ahmad, Muhammad Amanullah and Rizwana Batool. 2012. Utilization of Nigella sativa L. essential oil to improve the nutritive quality and thymoquinone contents of baked products. **Pakistan Journal of Nutrition**. 11(10): 812-817.

6. M.S. Mahmood**, A.N. Ahmad** and I. Hussain. **2003.** Prevalence of Listeria monocytogenes in poultry meat, poultry meat products and other related inanimated at Faisalabad: (2003), Pakistan Journal of Nutrition, 2(6): 346-349.

Articles Published in other Journals

7. Muhammad Sibt-e-Abbas, Masood Sadiq Butt, M. Tauseef Sultan, **Atif Nisar Ahmad**, Muhammad Abrar and Mir Muhammad Nasir Qayyum. 2014. Peanut protein isolates improve the nutritional quality of muffins that can be handy tool to cure protein energy malnutrition in developing economies. **Journal of Food, Agriculture and Environment** 12: 51-55.

8. M. Tauseef Sultan, Masood Sadiq Butt, Dr. Roselina Karim, **Atif Nisar Ahmad**, Hafiz Ansar Rasul Suleria, Muhammad Suffyan Saddique. **2014**. Toxicological and safety evaluation of Nigella sativa lipid and volatile fractions in streptozotocin induced diabetes mellitus. **Asian Pacific Journal of Tropical Disease**. 4: S693-S697.

9. M. Tauseef Sultan, Masood S. Butt, Saeed Akhtar, **Atif N. Ahmad**, Mubasher Rauf, Muhammad S. Saddique and Ambreen Naz. 2014. Antioxidant and antimicrobial potential of dried cumin (*Cuminum cyminum* L.), caraway (*Carum carvi* L.) and turmeric powder (*Curcuma longa* L.). **Journal of Food, Agriculture and Environment** 12: 71-76.

10. Abdul Waheed, Muhammad Sajjad Khan, **Atif Nisar Ahmad**, Muhammad Masood Tariq, Mubashar Rauf, 2011. Relationships among testicular traits, body measurements and body weight in beetal male goats in Pakistan. Igdir Univ. J. Inst. Sci. & Tech 1(1):59-62.

11. Sh. M. Nawaz, Iftikhar Ahmad, Muhammad Nasir and **Atif Nisar Ahmad**. 2000. Endotoxin eradication techniques and their effects on lint chemical constituents. Pakistan Journal of Biological Sciences, 3(10): 1621-1625.

Poster Presentation in Conferences

1. Safina Rani, Rabbya Saeed, Zeeshan Ali, Atif Nisar Ahmad, M. Jamshed Khan and Uzma Batool. Physico-Chemical Characteristics of E.coli and Antimicrobial Activity of Carbon Nano-tubes against pathogenic E.coli. 2025. Poster Competition at Department of Pathobiology, Faculty of Veterinary Sciences, Bahauddin Zakariy University, Multan held on 30-4-2025.

2. Lubaba Noman, Atif Nisar Ahmad, Uzma Batool, M. Raza Hameed and Akbar Shahid. Super bugs microbial threat of the 21st Century. The silent war between medicine and microbes. 2025. Poster Competition at Department of Pathobiology, Faculty of Veterinary Sciences, Bahauddin Zakariy University, Multan held on 30-4-2025.

3. Abdul Qadeer, Atif Nisar Ahmad, Irtaza Hussain, M. Irfan Anwar, Umme Aiman and lubaba Noman. Control measures and Interventions of disease virus. 2025. Poster Competition at Department of Pathobiology, Faculty of Veterinary Sciences, Bahauddin Zakariy University, Multan held on 30-4-2025.

4. Umme Aiman, Atif Nisar Ahmad, M. Raza Hameed, Lubaba Noman, Abdul Qadeer and Safina Rani. Probiotic Boosting Health and Nutritional Valiues. 2025. Poster Competition at Department of Pathobiology, Faculty of Veterinary Sciences, Bahauddin Zakariy University, Multan held on 30-4-2025.

5. Zeeshan Ali, Ahmad Hassan, Atif Nisar Ahmad, Malika Uzma, Tauseef Sultan, Uzma Batool and M. Raza Hameed. Exploring Bio-degrading micro-organisms from waste dumping soil in Multan. 2025. Poster Competition at Department of Pathobiology, Faculty of Veterinary Sciences, Bahauddin Zakariy University, Multan held on 30-4-2025.

6. Uzma Batool, Atif Nisar Ahmad, M. Jamshed Khan, M. Raza Hameed, Zeeshan Ali and Safina Rani. Exploring the Anti-microbial capacity of Green Synthesized Cassia Fistula Fruit nano-emulsion against pathogenic E.coli. 2025. Poster Competition at Department of Pathobiology, Faculty of Veterinary Sciences, Bahauddin Zakariy University, Multan held on 30-4-2025.

7. Dilawar Rehman, Atif Nisar Ahmad and M. Raza Hameed. Role of Biotechnology in Development of transgenic organisms. 2025. Poster Competition at Department of Pathobiology, Faculty of Veterinary Sciences, Bahauddin Zakariy University, Multan held on 30-4-2025.

8. Muhammad Mazhar Ayaz, Muhammad Mudasser Nazir, **Atif Nisar Ahmad,** Fehmida Bibi and Nasir Mahmood. 2017. Prevalence and identification of

Ectoparasites in domestic poultry of Southern Punjab. Poster Presentation in Poultry Science Conference (PSC@IPEX 2017) held on August 24, 2017 to August 26, 2017

9. **Atif Nisar Ahmad**, Masood Akhtar, Aftab Ahmad Anjum, M. Tauseef Sultan and Fahmeeda Bibi. Magnitude of Campylobacter infections and antibiotic resistance in poultry meat and its correlation with Campylobacteriosis in humans. Poster Presentation in 1st International Conference on Zoonosis 16-17 October 2014, organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan Pakistan

10. **Atif Nisar Ahmad**, Masood Akhtar, Aftab Ahmad Anjum, Ali Ahmad and Mubashar Aziz. Prevalence of Campylobacter in Raw Bovine Milk collected from district Multan, Pakistan. Poster Presentation in 1st International Conference on Zoonosis 16-17 October 2014, organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan Pakistan.

D: Abstracts in Conferences/Symposiums

4. Immunogenicity of formalin and binary ethylenimine inactivated IBDV in broiler chicken. M. Habib, **A.N. Ahmad**, I. Hussain. M. Ashfaque and M. Akhtar. Regional seminar on the prevalent and emerging poultry disease in Pakistan. Faculty of veterinary sciences, University of Agriculture , Faisal abad. On 15-16 2002.

5. Attenuation of field infectious bursal disease virus on embryonated eggs. **A.N. Ahmad,** I. Hussain M. Ashfaque and M. Akhtar. Regional seminar on the prevalent and emerging poultry disease in Pakistan. Faculty of veterinary sciences, University of Agriculture , Faisal abad. On 15-16 2002.

6. Measurement of immune response against IBDV by three serological test A.N. Ahmad, I. Hussain S.U. Rahman, S. Mehmood, and A. Khan. Regional seminar on the prevalent and emerging poultry disease in Pakistan. Faculty of veterinary sciences, University of Agriculture , Faisal abad. On 15-16 2002.

7. Counter current immunoelectrophoresis: a rapid tests detection and quantitation of IBDV. I. Hussain, **A.N. Ahmad**, S.U. Rahman, S. Mehmood, A. Zahoor, M. Ashfaque and M. Akhtar . Regional seminar on the prevalent and emerging poultry disease in Pakistan. Faculty of veterinary sciences, University of Agriculture , Faisal abad. On 15-16 2002.

8. Characterization of immunogens of IBD virus. A.A. Anjum, I. Hussain, M. Saddique**, A.N. Ahmad** and M. Ashfaque. Regional seminar on the prevalent and

emerging poultry disease in Pakistan. Faculty of Veterinary Sciences, University of Agriculture, Faisalabad. On 15-16 2002.

9. Antigenic response antigenic response of formalized Aluminium hydride gell absorbed IBDV. Rashid, A., I. Hussain, **A.N. Ahmad**, M. Ashfaque, A. Zahoor, M.A. Khan M. Akhtar and C.S. Hayat. 3rd international Sci, Conference, 26-28 Sept.2002

10. Seroprevalence of HPS in wild bird using counter immunoelectrophoresis and IHA test. Manzoor S., I. Hussain, **A.N. Ahmad**, M. Ashfaque, A. Zahoor, and C.S. Hayat. 3rd international Sci, Conference, 26-28 Sept.2002

11. Adaptation and attenuation of infectious bursal disease virus on Embryonated for the production of vaccine. I. Hussain**, A.N. Ahmad**, M. Ashfaque, A. Zahoor, M.A. Khan and M. Akhtar. 3rd international Sci, Conference, 26-28 Sept.2002

12. Disinfection of drinking water by solar radiation. A.A. Anjum, I. Hussain, **A.N. Ahmad,** M. Ashfaque, A. Zahoor, M.A. Khan and M. Akhtar. 3rd international Sci, Conference, 26-28 Sept.2002

13. Phenotypic Study on Goats in Pakistan. Abdul Waheed, Muhammad Sajjad Khan, **Atif Nisar Ahmed,** Zafar Iqbal Chaudhary, Ch. Sikandar Hayat, and Muhammad Tariq, Muhammad Mazhar Ayaz. National Conference on the strategies to improve Red Meat Production in Pakistan. Bahauddin Zakariya University, 13 Oct., 2010.

14. Prediction of Body Weight From Linear Body Measurements in Beetal And Teddy Goats. Abdul Waheed, Muhammad Sajjad Khan, **Atif Nisar Ahmed**, Zafar Iqbal Chaudhary, Ch. Sikandar Hayat, Muhammad Masood Tariq. National Conference on the strategies to imrprove Red Meat Production in Pakistan. Bahauddin Zakariya University, 13 Oct., 2010.

15. Non-Genetic Factors affecting body measurements in goats. Abdul Waheed, Muhammad Sajjad Khan, **Atif Nisar Ahmed,** Zafar Iqbal Chaudhary, Ch. Sikandar Hayat. National Conference on the strategies to improve Red Meat Production in Pakistan. Bahauddin Zakariya University, 13 Oct., 2010.

16. Study of Testicular Biometry In Goats. Abdul Waheed, Muhammad Sajjad Khan, Zafar Iqbal Chaudhary, **Atif Nisar Ahmed**, and Muhammad Mazhar Ayaz. National Conference on the strategies to improve Red Meat Production in Pakistan. Bahauddin Zakariya University, 13 Oct., 2010.

17. Genetic Analysis of Morphometric Traits in Goats. Abdul Waheed, Muhammad Sajjad Khan, **Atif Nisar Ahmed**, Zafar Iqbal Chaudhary, Ch. Sikandar Hayat. National Conference on the strategies to improve Red Meat Production in Pakistan. Bahauddin Zakariya University, 13 Oct., 2010.

18. Availability of e-resources for Livestock Research in Pakistan. **Atif Nisar Ahmad**, M. M. Tariq, Abdul Asim Farooq, Maqbool Hussain Shah, Zafar Iqbal Chaudhry. National Conference on the strategies to improve Red Meat Production in Pakistan. Bahauddin Zakariya University, 13 Oct., 2010.

19. Red Meat Livestock resources and production of Pakistan: A review. **Atif Nisar Ahmed,** Abdul Asim Farooq, Zafar Iqbal Chaudhry, Abdul Waheed, Maqbool Hussain Shah, Muhammad Mazhar Ayaz. National Conference on the strategies to improve Red Meat Production in Pakistan. Bahauddin Zakariya University, 13 Oct., 2010.

20. Strategies to reduce the foodborne pathogens in poultry meat: a multi-sector approach to ensure human health. 2017. **Atif Nisar Ahmad**, Masood Akhtar, Muhammad Mudasser Nazir, Fehmeeda Bibi and M. Tauseef Sultan. 3rd International Conference on Safe Foods for All (ICSFA-2017) organized by Institute of Food Science and Nutrition, Bahauddin Zakariya University-Multan held on March 02, 2017 and March 03, 2017

21. Incidence of salmonella and vibrio species as bacterial contaminants in raw fish from Pakistan. 2017. **Atif Nisar Ahmed** , Muhammad Raza, Masood Akhtar, Muhammad Mudasser Nazir, Fehmeeda Bibi, Muhammad Irfan Anwar and Muahmmad Tauseef Sultan. 3rd International Conference on Safe Foods for All (ICSFA-2017) organized by Institute of Food Science and Nutrition, Bahauddin Zakariya University-Multan held on March 02, 2017 and March 03, 2017.

22. Survival and growth of listeria monocytogenes in processed meat and meat products under refrigeration. Muhammad Mudasser Nazir, Masood Akhtar, **Atif Nisar Ahmed,** Malika Uzma, and Muhammad Tauseef Sultan. 3rd International Conference on Safe Foods for All (ICSFA-2017) organized by Institute of Food Science and Nutrition, Bahauddin Zakariya University-Multan held on March 02, 2017 and March 03, 2017.

23. Antioxidant potential of phytochemicals rich fractions of Zizuphus Jujube extracted through conventional solvent extraction techniques. 2017. Mehnaz Ishaq, M. Tauseef Sultan, **Atif Nisar Ahmad**, Fatima Sadiq, Asma Naseer and Malika Uzma. 3rd International Conference on Safe Foods for All (ICSFA-2017) organized

by Institute of Food Science and Nutrition, Bahauddin Zakariya University-Multan held on March 02, 2017 and March 03, 2017.

24. Exploring the antioxidant and antimicrobial potential of selected herbs. 2019. Fatima Sadiq, M. Tauseef Sultan, **Atf Nisar Ahmad**, Anum Tariq, Sehrish Arif, Malka Uzma and Bakhtawar Bahar. 4th International Conference on International Conference on Food and Nutritional Security in Changing Climate (ICFNS-2019) organized by Institute of Food Science and Nutrition, Bahauddin Zakariya University-Multan held on March 03, 2017 and March 04, 2019.

25. Zaka Saeed, Mureed Hussain, Mohammed Gulsher, **Atf Nisar Ahmad**, Rehan Sadiq Sheikh, Muhammad Ali, Farhan Iqbal. 2016. Molecular prevalence and hematology of tropical theileriosis in Cholistani cattle from the magic herds of the Cholistan desert, Pakistan. International Livestock Dairy and Poultry Congress held on 16 and 17 March 2016 Expo Centre Lahore Pakistan

26. Mohammed Mudasser Nazeer Masood Akhtar Azhar makbul Kamran Ashraf Miyan Mohammed Gulam Yaseen Mohammed Shahid Nabeel **Atif Asar Ahmed** and David S Lindsay. 2016. Neospora caninum and two bodies in the serum of Camels camelus dromedarius at Rock Mani from Buxar Pakistan. National livestock dairy and poultry Congress 16 and 17 March 2016 Expo Centre Lahore Pakistan

27. **Atif Nisar Ahmad**, Muhammad Tauseef Sultan, Muhammad Mudasser Nazir, and Fehmida Bibi. 2015. Prevalence of Listeria Monocytogenes in poultry meat from urban peripheries of Multan Pakistan. International Livestock Dairy and Poultry Congress 14 and 15 April, 2015 held at Expo Centre Lahore Pakistan

28. Mureed Hussain, Zaka Saeed, Muhammad Gulsher, Rehan Sadiq Sheikh, Mohammed Ali, **Atif Nisar Ahmed**, Irtaza Hussain, Masood Akhtar, Furhan Iqbal. 2016. A report on the molecular detection and seasonal prevalence of Trypanosoma brucei in dromedary camels from Dera Ghazi Khan District in Southern Punjab (Pakistan). International Livestock, Dairy and Poultry Congress, 16-17 March 2016 held at Expo Center Lahore Pakistan

29. Awais Anees, Mubashir Aziz Azhar Maqbool, **Atif Nisar**. 2014. Sero-prevalence of Toxoplasma gondii in slaughter house workers and cattle in Lahore, Pakistan. 1st International Conference on Zoonosis 16-17 October 2014, organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan Pakistan

30. **Atif Nisar Ahmed,** Masood Akhtar, Aftab Ahmad Anjum, Ali Ahmad, and Mubashar Aziz. 2014. Prevalence of Compylobacter in raw bovine milk collected from district Multan Pakistan. 1st International Conference on Zoonosis 16-17

October 2014, organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan Pakistan

31. **Atif Nisar Ahmed**, Masood Akhtar, Aftab Ahmed, and Mohammed Tauseef Sultan and Fehmida Bibi. 2014. Magnitude of compiler construction and antibiotic resistance in poultry meat and its correlation with a low battery losses in humans. 1st International Conference on Zoonosis 16-17 October 2014, organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan Pakistan

32. MS Ahmed A Maqbool AA Anjum, MA Ali, MD Ahmed, **AN Ahmed**. 2014. Influence of season age and sex on prevalence of Leishmania SPP in rats and mice of Lahore city Pakistan. 1st International Conference on Zoonosis 16-17 October 2014, organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan Pakistan

33. MS Ahmed, A Maqbool, MA Ali, M Nawaz, **AN Ahmed**. 2014. Rodents from urban habitats of Lahore district as zoonotic vectors of Hymenolepis Nana. 1st International Conference on Zoonosis 16-17 October 2014, organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan Pakistan

34. Fehmeeda Bibi, Shafqat Nawaz Qaisran, Muhammad Mazhar Ayaz, **Atif Nisar Ahmad** and Bushra Nisar Khan, 20016. Mega-wildlife diversity of Cholistan Game Reserve and their ecological importance. Proceeding: 36th Pakistan Congress of Zoology (International). The Zoological Society of Pakistan at Department of Zoology, University of Sindh, Jamshoro, February 16 – 18, 2016.

35. **Atif Nisar Ahmad**, Masood Akhtar, Muhammad Mudasser Nazir, Muhammad Tauseef Sultan, Mazhar Ayaz, Muhammadrfanullah, Fehmida Bibi and Malika Uzma. 2017. Effect of probiotics and trichothecene contaminated feed on performance and histopathological impact on intestinal villus of broiler. Oral Presentation in Poultry Science Conference (PSC@IPEX 2017) held on August 24, 2017 to August 26, 2017

A. No. of Students Supervised

M.Phil. students supervised:

1. Zeeshan Ali. "Characterization and antimicrobial activity of greenly synthesized cassia fistula nano emulsion against *Bacillus subtilis*" (Session 2023-25).

2. Safeena Rani. "Green synthesis and characterization of silver nano emulsion from cassia fistula flower and their antibacterial capacity against *Staphylococcus aureus*" (Session 2023-25).

3. Uzma Batool. "Exploring the antimicrobial capacity of green synthesized cassia fistula fruit nano emulsion against pathogenic *Escherichia coli*" (Session 2023-25).

4. Rabia Saeed. "Physiochemical characteristics and effects of carbon nanoparticles on the viability of Escherichia coli" (Session 2022-24).

5. Sunila Gull. "polyvinyl chloride (PVC) biodegradaton potential by Bacillus spp. Isolated from waste dumping sites" (Session 2021-23).

6. Ahmad Hassan. "Exploring biodegrading microorganisms from waste dumping soil in Multan" (Session 2021-23)."

7. Ume Kalsoom Bashir." Isolation and Identification of Pathogenic E.coli from broiler in multan" (Session 2021-23).

8. Amna Rafique."Seroprevalence of Avian respiratory infection (ND,IB and H9) in poultry in Multan. " (Session 2021-23).

9. Naveed Ahmad ."Seroprevalence of Avian Influenza (H9N2) Virus in Broiler from district Multan" (Session 2019-2021)

10. Anam Shakoor ."Comparative study of inactivated oil adjuvanted, alum adjuvanted and commercial Avian influenza (H9N2) vaccine in cockerels" (Session 2019-2021)

11. Usman Ashraf ."Present Status of Microbiological Evaluation of Raw Milk in Multan City" (Session 2019-2021).

12. Muhammad Zubair "Seroprevelence of avian influenza (H9N2) in the backyard poultry of in and around district Multan (Session 2018-2020)

13. Javeria Blouch "Pathogenesis and Tissue Tropism in Co-infection of avian influenza (H9N2) and Infectious Bronchitis virus in Broiler Chicken" (Session 2018-2020)

14. Esar Fatima ."Effects of fish oil and vitamin E on histopathology of lymphoid organs of broilers experimentally infected with Avian Influenza H9N2 "(Session 2018-2020)

15. Muhammad Saeed 2019.Prevalence of Mycoplasma gallisepticum in the respiratory distress of broiler from commercial poultry in Multan region. (Session 2017-2019)

16. Noaman Bashir. 2012. Physicochemical, microbiological, and sensorial analysis of ready to serve fruit juices in Southern Punjab. (M. Phil)

17. Maqbool Hussain Shah 2012 Comparative efficacy of fenbandazole and doramactin against gastrointestinal nematodes in cattle, Southern Punjab, Multan 2012. (M. Phil)

M.Phil. student currently under supervision:

18. Umme Aimen. "In-vitro and in-vivo antimicrobial activity of green synthesized biodegradable nano-polysaccharide". (Session 2024-26).

19. Shahzad Kareem. "Green synthesis and Characterization of Pullulan mediated Silver nano particles(P- AgNPs) using Pullulan as Reducing and Capping" (Session 2024-26).

20. Abdul Qadeer. "Chitosan assisted Zinc oxide Nanoparticles along with their antimicrobial and cytotoxicity capacities" (Session 2024-26).

21. Lubaba . "In-vitro and in-Vivo antimicrobial activity of Chitosan assisted Zinc oxide nanoparticles" (Session 2024-26).

22. Adeela. "Dietary Supplementation of CF fruit Silver nanoparticles in common carb for better growth performance" (Session 2025-27).

23. Noor Fatima "Effects of CF. flowers silver nano partials on production performances of fish" (Session 2025-27).

24. Zain Ali "Supplementation of rice starch based Silver Nano emulsion as growth promoters for better production performance in Japanese quails" (Session 2025-27).

25. Saima "Effects of rice starch based Silver Nano emulsion on the production performances and growth parameters of Broilers birds" (Session 2025-27).

26. Tafshala "Utilization of CF silver nano-particles as growth promotor in broiler birds foe improved immunity and production performance" (Session 2025-27)

1. Editor/Member, Editorial Board

1. Member: Editorial and Advisory Boards for "Journal of Research" Bahauddin Zakariya University, Multan (Notification dated March 13, 2020)

Management of Social events:

1. Member Organizing Committee at Dyniya Kisan Dost Mela held w.e.f. March 30, 2018 to April 01, 2018

2. Member Organizing Committee for three days (26-28 January 2016) Training program "Input services on animal health care, feed/fodders supplies, and marketing" for education unemployed youth, 2016 held at Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan. Organized by ILIR in collaboration with ICARDA and BZU-Multan, under the Agricultural innovation program for Pakistan.

3. Member Organizing Committee for 2nd International Conference on Zoonoses2016 on October 20, 2016 to October 21, 2016

4. Member Organizing Committee for 1st International Conference on Zoonoses2014 on October 16, 2014 to October 17, 2014

5. Member Organizing Committee for 3rd Southern Punjab Livestock Poultry and Agri Convention on 14th & 15th Feb, 2014 at Jinnah Auditorium B.Z.U. Multan.

6. Member Organizing Committee for Seminar on "Transboundary Animal Diseases in Pakistan" on 29th April, 2014 at IMS, Hall, B.Z.U. Multan with the collaboration of Food and Agricultural Organization of the United Nation.

7. Member Organizing Committee for 2nd Southern Punjab Livestock Poultry and Agri Convention on Friday Saturday 15th & 16th Feb, 2013 at Jinnah Auditorium B.Z.U. Multan.

8. Member Organizing, Accommodation, and Transport committee for National Conference on the strategies to improve Red Meat Production in Pakistan. Bahauddin Zakariya University, 13th October, 2010.