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Position: Assistant Professor
Present Address
Department of Clinical Sciences,
Faculty of Veterinary Sciences,
Bahauddin Zakariya University,
Multan

Permanent Address
P-50A Street#2 Nazimabad
Faisalabad, Pakistan

EDUCATIONAL PROFILE:

- 2013-2016** **Doctor of Philosophy (PhD)**
Major: Animal Sciences
Supervisor: Prof. Jiang Xunping
Field: Animal Breeding & Genetics, Reproductive Health
Huazhong Agricultural University, Wuhan, P.R. China
- 2010-2013** **Master of Philosophy (M. Phil) (Distinction)**
Major: Theriogenology
Supervisor: Prof. Dr Zafar Iqbal Qureshi
University of Agriculture
Faisalabad, Pakistan
- 2005- 2010** **Doctor of Veterinary Medicine (DVM)**
University of Agriculture
Faisalabad, Pakistan
- 2003-2005** **Higher Secondary School Certification (Pre- Medical)**
GC University Faisalabad, Pakistan
- 2001-2002** **Secondary School Certification (Science)**
Laboratory High School University of Agriculture
Faisalabad, Pakistan.

THESES TITLE

- Ph.D.** FSH beta gene variation driving force and genetic effects of FSHR gene.
- M. PHIL** Studies on the occurrence and antibiotic sensitivity of *Staphylococcus and*

E. coli in endometritic and repeat breeder buffaloes.

JOB EXPERIENCE

- 1 **Assistant Professor**, Department of Clinical Sciences, Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan (March 07, 2018 to date).
- 2 **Assistant Professor (IPFP)**, Department of Clinical Sciences, Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan (August 01, 2016 to July 31, 2017).
- 3 **Veterinary Officer (health)**, Department of Livestock and dairy Development, Government of Punjab, (May 25, 2011 to July 31, 2013).

RESEARCH INTERESTS:

- Diagnosis and treatment of Infectious reproductive diseases including high risk zoonotic pathogens (Brucella and Toxoplasma etc.)
- Assisted Reproductive Technologies
- Using DNA technologies for studies of the genetic mutations affecting phenotypic traits (such as milk production, litter size, coat color) in livestock.

PROJECT EXPERIENCE:

Principal Investigator, Funded Project (2020- ongoing).
Surveillance & detection of milk pathogens and adulterants & its impact on milk quality in Multan, Pakistan. (BZU Funded).

Principal Investigator HEC-SRGP (2017-2019): Toxic effects of cypermethrin on reproductive parameters and its amelioration through medicinal plant *Ficus benghalensis*. (HEC Funded SRGP).

M. Phil Research Scholar (2010-2013): Studies on the occurrence and antibiotic sensitivity of Staphylococcus and E. coli in endometritic and repeat breeder buffaloes.

PhD Research Fellowship CHINA (2013-2016): FSH beta gene variation driving force and genetic effects of FSHR gene.

ADMINISTRATIVE EXPERIENCE

1. **Member, Faculty Admission Committee (FVS),** Bahauddin Zakariya University, Multan (2018-2019)
2. **Member,** Board of Studies, Department of Clinical Sciences, Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan. (2019 to date)
3. **Member,** Internship Committee, Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan (2017 to date)
4. **Member,** Time Table Committee, Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan (2017 to date)
5. **Academic Advisor session (2018-23).** Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan (2019 to date)
6. **In-charge** Outdoor Clinics. Department of Clinical Sciences, Faculty of Veterinary sciences, Bahauddin Zakariya University, Multan. (2019 to date)
7. **In-charge.** Store Department of Clinical Sciences, Faculty of Veterinary sciences, Bahauddin Zakariya University, Multan. (2018 to 2019)

AWARDS AND HONOURS

1). **Academic:**

Chinese Government Scholarship for Pursuing PhD

2). **Professional awards (Govt./Institution/Society)**

Letter of Appreciation from Pakistan Veterinary Medical Council Government of Pakistan

3). Selected for international Biorisk training course in Jakarta, Indonesia 2018.

RESEARCH GRANTS

Principal Investigator HEC-SRGP (2017-2019): Toxic effects of cypermethrin on reproductive parameters and its amelioration through medicinal plant *Ficus benghalensis*. (HEC Funded SRGP).

Principal Investigator BZU Funded Grant (2020- ongoing). Surveillance & detection of milk adulterants & its impact on milk quality in Multan, Pakistan. (BZU Funded).

TRAININGS COURSES

- 1). International Bio risk training course in Jakarta, Indonesia 2018
- 2). ABM Biorisk Management Refresher Course
- 3). Safe and Secure Sample Collection & Transportation

MEMBERSHIP OF PROFESSIONAL SOCIETIES

- 1) Lifelong membership of RVMP
- 2) Membership of Registered Veterinary Medical Faculty (RVMF)

EVENTS ORGANIZED

- 1. Member Organizing Committee, 2nd International Conference on Zoonoses- 2016** held at Bahauddin Zakariya University, Multan.
- 2. Organizer, 4th One-day workshop on Training Modules of DVM Internees** organized by Faculty of Veterinary Sciences, Bahauddin Zakariya University, Multan, Pakistan.
- 3. Organizer, one-day international workshop on Laparoscopic Artificial Insemination, Organized by Department of Clinical Sciences, FVS, Bahauddin Zakariya University, Multan (2021).**

PUBLICATIONS

Sr. #	Title	Impact Factor 48.7
1.	Abdul Sammad Ali Khan Shirwany, Mian Muhammad Awais, Muhammad Irfan Anwar, Muhammad Raza Hameed, Masood Akhtar, Nabeel Ijaz , Shakera Sadiq Gill, Muhammad Amjad Ali, Muhammad Sibtain Bhatti and Mamoon Chaudhry. (2024). Seroepidemiology and associated risk factors of brucellosis in small ruminants of district Khanewal, Pakistan. (J Adv Vet Anim Res)	1.4
2.	Muhammad Kashif Saleemi, Ahmad Raza, Aisha Khatoon, Muhammad Zubair, Shafia Tehseen Gul, Xu Yongping, Bilal Murtaza, Faqir Muhammad, Bushra Akhtar, Farhat Jubeen, Farzana Rizvi, Khawar Zubair, Anas Ashraf, Muhammad Nabeel Ijaz , Asim Sultan. (2023). Pathological effects of feeding aflatoxin-contaminated feed on immune status and reproductive performance of juvenile white leghorn males and its mitigation with α-tocopherol and <i>Moringa oleifera</i> (J Envir Pollution and Research)	5.8
3.	Shishay Girmay, Nabeel Ijaz, Nighat Hashmi, Muhammad Irfan Ullah, Gulnaz Afzal, Amar Nasir, Shazia Perween, Amtul Sami, Nain Tara, Shaista Abbas, Sayyed Aun Muhammad, Uzma hussain, Shakeel Ahmed, Jilong Han, Huma Ali, Saud Alarifi , Hafiz Ishfaq Ahmad. (2023). Functional genomics analysis of Leptin-Melanocortin system genes reveals candidate genes associated rapid growth and high carcass yield in sheep. (Journal of King Saud University)	3.82
4.	Zhiting Guo, Ling Wang*, Shahbaz Ul Haq, Lu Wang, Wenzhu Guo, Yongjiang Luo and Nabeel Ijaz. (2023) In-vitro evaluation of immunomodulatory activity of sulphation-modified total ginsenosides derivative-3. (Frontiers in Veterinary Science).	3.47
5.	Muhammad Irfan Anwar*, Muhammad Ali Tahir, Mian Muhammad Awais, Ahmad Raza, Masood Akhtar, Faqir Muhammad, Muhammad Raza Hameed and Nabeel Ijaz. (2023). Purification, Characterization and Protective Effects of Indigenous Yeast Derived β-glucans against Salmonellosis in Broilers. (Pakistan Veterinary Journal).	2.3
6.	Ramya Ahmad Sindi, Sana Alam, Muhammad Rizwan, Muhammad Irfan Ullah, Nabeel Ijaz , Zahid Iqbal, Rabia Muzafar, Rabia Akram, Muhammad Waqas Nazar and Riaz Hussain* (2023). Investigations of Hemato-Biochemical, Histopathological, Oxidative Stress and Reproductive Effects of Thiram in Albino Rats. (Pakistan Veterinary Journal).	2.3

7.	Muhammad Irfan Ullah, Masood Akhtar, Muhammad Irfan Anwar, Mian Muhammad Awais, Kashfa Khaliq and Nabeel Ijaz. Ameliorating Effects of Different Extracts of Culinary Mushroom Species on the Production Performance of Healthy and <i>Eimeria</i> Infected Commercial Broiler Birds. (International Journal of Agriculture & Biology, 2021).	0.81
8.	Muhammad Saqib Saeed, Umair Ashraf Randhawa, Ijaz Ahmad, Muhammad Irfan Ullah, Shafia Tehseen Gul, Muhammad Muzzamil Hassan, Ejaz Ahmad and Nabeel Ijaz*. Seroprevalence and risk factors of Toxoplasmosis in Beetal Goats in District Faisalabad and its association with reproductive problems. (Pakistan Journal of Agricultural Sciences, 2021).	0.748
9.	Zeeshan Ahmad Bhutta, Ayesha Kanwal, Moazam Ali, Muhammad Fakhar-E-Alam Kulyar, Wangyuan Yao, Muhammad Shoaib, Ambreen Ashar, Ashar Mahfooz, Misbah Ijaz, Nabeel Ijaz, Muhammad Asif, Shah Nawaz, Muhammad Raahim Mahfooz, Tahreem Kanwal. Emerging nanotechnology role in the development of innovative solutions against COVID-19 pandemic. (Nanotechnology, 2021).	3.66
10.	Muhammad Amjad Ali, Laeeq Akbar Lodhi, Nabeel Ijaz, Mian Muhammad Awais, Muhammad Raza Hameed, Faiz Ul Hassan, Abdur Rauf Khalid, Ejaz Ahmad, Waqas Ahmad and Syed Muhammad Raihan Dilshad. Impact of Organic Metabolites on the Occurrence of Dystocia in Nili–Ravi Buffaloes of Three Different Agro-ecological Zones of Punjab, Pakistan. (Pakistan Journal of Life and Social Sciences, 2020)	HEC Y Category
11.	Muhammad Amjad Ali, Laeeq Akbar Lodhi, Mian Muhammad Awais, Waqas Ahmad, Huma Jamil, Faiz-ul-Hassan, Muhammad Nadeem Maqbool, Nabeel Ijaz and Ahsan Fayyaz. Calving disorder in Nili-Ravi Buffaloes maintained under different production systems and Agro-ecological Zones of Punjab, Pakistan. (Pakistan Journal of Life and Social Sciences, 2020)	HEC Y Category
12.	Ahsan Fayyaz, Muhammad Lateef, Nabeel Ijaz, Muhammad Amjad Ali and Muhammad Irfan Ullah. Effects of Feeding Frequency and Fodder Particle Size on the Production Performance of Lactating Cows. (Pakistan Journal of Life and Social Sciences, 2019)	HEC Y Category
13.	Syed Khurram Fareed, Sobia Naseem Siddiqui, Mehir Un Nisa Iqbal, Faiz Muhammad, Sajjad Ali, Taseer Ahmed Khan, Nabeel Ijaz and Aqeel Ahmad. A Study on Pathological Effects of <i>Acholeplasma laidlawii</i> Isolated from Buffaloes in Mice Model. (Pakistan Journal of Life and Social Sciences, 2019)	HEC Y Category
14.	Yan-Guo Han, Gui-Qiong Liu, Xun-Ping Jiang, Xing-Long Xiang, Yong-Fu Huang, Bin Nie, Jia-Yu Zhao, Ijaz Nabeel and Birhanu Tesema. Reversibility and safety of KISS1 metastasis suppressor gene vaccine in immunocastration of ram lambs. (Asian-Australasian Journal of Animal Sciences, 2018).	1.243

15.	Ahmad, Hl., Liu, G., Jiang, X., Liu, C., Fangzheng, X., Chong, Y, N Ijaz & Huarong, H. (2017). Adaptive selection at agouti gene inferred breed specific selection signature within the indigenous goat populations. (Asian-Australasian journal of animal sciences, 2017). doi: 10.5713/ajas.16.0994.	1.24
16.	Muhammad Usman Ghani, Ijaz Ahmad*, Nazir Ahmad, Nabeel Ijaz and Ashar Mehfooz. Hematology, Serum Total Cholesterol and Thyroid Hormone Concentrations in Cyclic and Acyclic Nili-Ravi Buffaloes. (Pakistan Veterinary Journal, 2017)	1.3
17.	Akhtar Rasool Asif, Sumayyah Qadri, Nabeel Ijaz , Ruheena Javed, Abdur Rahman Ansari, Muhammd Awais, Muhammad Younus, Hasan Riaz and Xiaoyong Du. Genetic signature of strong recent positive selection at interleukin-32 gene in goat. (Asian-Australasian journal of animal sciences, 2017)	1.24
18.	YG Han, WJ Ye, GQ Liu, XP Jiang, N Ijaz, JY Zhao, B Tesema. Hepatitis B Surface Antigen S Gene is an Effective Carrier Molecule for Developing GnRH DNA Immunocastration Vaccine in Mice. (Reproduction in Domestic Animals, 2016)	1.41
19.	Akhtar Rasool Asif, Sumayyah Qadri, Yuhua FU, MD. Abdul Alim, Zhenyang Wu, Nabeel Ijaz , Jianhua Cao, Ruheena Javed, Shakeel Ahmed, Muhammd Awais, Abdur Rahman Ansari and Xiaoyong Du. Single Nucleotide Polymorphisms in Drb1, IGF1 and ILs associated with Fecal Egg Count confers resistance against Haemonchus Contortus infection in goats. (Pakistan Journal of Agricultural Sciences, 2016).	0.609
20.	Birhanu Tesema, Yanguo Han, Guiqiong Liu, Xunping Jiang, Jia-yu Zhao and Ijaz Nabeel . Kiss-1 Gene Vaccine Immunocastration Outcomes On Growth Hormone and Kiss-1 MRNA and GPR54 MRNA of Ram Lambs Digestive Organs. (International Journal of Cell, Animal Biology and Genetics, 2016)	
21.	Yanguo Han, Guiqiong Liu, Xunping Jiang, Nabeel Ijaz , Birhanu Tesema and Guangyue Xie. KISS1 can be used as a novel target for developing a DNA immunocastration vaccine in ram lambs. (Vaccine, 2015)	3.641
22.	Nabeel Ijaz , Guiqiong Liu, Xunping Jiang*, Birhanu Tesema, Dangwei Wang, Fangzheng Xu, Qintao Zhao and Huarong Huang. GENETIC SIGNATURE OF STRONG RECENT POSITIVE SELECTION AT FSHβ GENE IN GOATS. (Pakistan Journal of Agricultural Sciences, 2015).	1.0
23.	Waqas Ahmed, Muhammad Ashraf, Adeel Sattar, Sajjad-ur-rehman, Muhammad Abu Bakr Shabbir, Nabeel Ijaz , Rais Ahmad, Saiqa Iqbal Rao and Farzana Shahin. Isolation and Antibiotic Susceptibility of Gram Negative Bacteria Associated with Urinary Tract Infection. (Biomedical letters 2015)	

BOOKS (PUBLISHED BY International PUBLISHER)

Nabeel Ijaz, Zafar Iqbal Qureshi and Ijaz Ahmad, 2014. Occurrence & Sensitivity of Staph and E. coli in Endometritic Buffalo. LAP LAMBERT Academic Publishing, (ISBN-13: 978-3659606182)

BOOK CHAPTERS (PUBLISHED BY International PUBLISHER)

Rizwan, Hafiz Muhammad, Haider Abbas, Muhammad Sohail Sajid, Mahvish Maqbool, Malcolm K. Jones, Muhammad Irfan Ullah, and **Nabeel Ijaz**. "**Drug resistance in protozoal infections.**" In **Biochemistry of drug resistance**, pp. 95-142. Springer, Cham, 2021.