IHTESHAM UL HAQ

DVM, M.Phil, Ph.D. Assistant Professor
The University of Agricultural
Peshawar, Pakistan.

+92 316 6387123
Peshawar, PK
tamaanzai@gmail.com

SKILLS

PCR, Gel Electrophoresis, Western Blot Analysis, DNA Extraction, RNA Isolation, Molecular Genetics, Gene Regulation, Apoptosis Assay, Embryo Culture, Embryo Transfer, Endocrinology, Cell Culture. 0

SUMMARY

With a Ph.D. in Animal Breeding, Genetics, and Technology from China Agriculture University, Beijing, i am having extensive experience in molecular reproduction breeding and genetics. I published scholarly articles and presented research findings at conferences. At The University of Agriculture, Peshawar, Pakistan, I mentored students and contributed to the overall development of the institution. I am committed to teaching excellence and staying updated with the latest advancements in my field through continuous professional development.

WORK EXPERIENCE

08/2016 - till date

Assistant Professor

The University of Agriculture Peshawar, Pakistan

- Currently serving as an Assistant Professor at The University of Agriculture, Peshawar, Pakistan.
- Conducting research in the field of animal breeding and reproduction.
- Mentoring and guiding students in their academic and research endeavors.

08/2013 - 08/2016

Ph.D. Scholar

China Agriculture University, Beijing, P.R China

- Pursued a Ph.D. in Agriculture at China Agriculture University, Beijing, from August 2013 to August 2016.
- Conducted extensive research in the field of animal sciences, focusing on molecular reproduction breeding and genetics.

09/2010 - 08/2013

Lecturer

The University of Agriculture Peshawar, Pakistan

- Served as a lecturer at The University of Agriculture Peshawar, Pakistan, from September 2010 to August 2013.
- Delivered and engage lectures to undergraduate students, fostering a conducive learning environment.
- Developed and implemented effective teaching strategies to enhance student comprehension and engagement.

EDUCATION

09/2013 - 08/2016

Ph.D Animal Breeding Genetic and Technology

China Agriculture University, Beijing, P.R China

092008 - 08/2010

REFERNCES

Prof Dr zeng shenming, China agriculture university Beijing, China.

Email:zengshenming@gmail.co m

Prof Yujiang Sun, Shandong agriculture university, Shandong, China.

Email: s36s@163.com

Master's in animal physiology

The University of Veterinary and Animal Sciences, Lahore, Pakistan

09-2003 - 2008-01

DVM

The University of Veterinary and Animal Sciences, Lahore, Pakistan

SKILLS

English 10

Excellent

Chinese (Simplified) 5

beginner

PUBLICATION AND PROJECTS

- Ibrahim, Muhammad, et al. "Microsatellite Analysis Revealed Potential DNA Markers for Gestation Length and Sub-Population Diversity in Kari Sheep." Animals 12.23 (2022): 3292.
- Ali, Haidar, et al. "Medicinal plants and vaccinations used against COVID-19: a comprehensive review." (2022): 435-446.
- Ali, H., Hayat, S., Ahmad, S., Ibrahim, M., Haider, S. A., Ullah, S., ... & Ul Haq, I. (2021). Anti-Apoptotic Role of p21 and p27 Genes during Different Stages of Corpus Luteum Progression in Bovine. Iranian Journal of Applied Animal Science, 11(2), 297-303.
- Khan, S. S., Ali, H., Hayat, S., Ahmad, S., Ibrahim, M., Haider, S. A., ... & Ul, H. I. (2020). Expression of isg15 and conjugating enzyme during peri-implanation period in sheep. Biotechnology in Animal Husbandry, 36(2), 215-223
- Wu, S., Canisso, I. F., Yang, W., Ul Haq, I., Liu, Q., Han, Y., & Zeng, S. (2018). Intracellular calcium chelating agent (BAPTA-AM) aids stallion semen cooling and freezing–thawing. Reproduction in domestic animals, 53(5), 1235-1242.
- Li, J., Gao, H., Tian, Z., Wu, Y., Wang, Y., Fang, Y., Lin, L., Han, Y., Wu, S., Haq, I. and Zeng, S., 2016. Effects of chronic heat stress on granulosa cell apoptosis and follicular atresia in mouse ovary. Journal of Animal Science and Biotechnology, 7, pp.1-10.
- Haq, I. U., Han, Y., Ali, T., Wang, Y., Gao, H., Lin, L., ... & Zeng, S. (2016). Expression of interferon-stimulated gene ISG15 and ubiquitination enzymes is upregulated in peripheral blood monocyte during early pregnancy in dairy cattle. Reproductive Biology, 16(4), 255-260.
- Gao, H., Lin, L., Haq, I. U., & Zeng, S. M. (2016). Inhibition of NF-κB promotes autophagy via JNK signaling pathway in porcine granulosa cells. Biochemical and biophysical research communications, 473(1), 311-316.
- Guangmin, Y., Khan, S. H., & Mingsheng, Z. (2015). Actin filaments are necessary for FSH-induced CYP19A1 transcription in bovine granulosa cells

in vitro. Pakistan Veterinary Journal, 35(1).

- Bao, Z. J., Zhao, S., Haq, I. U., & Zeng, S. M. (2014). Recombinant bovine interferon-τ enhances in vitro development of bovine embryos by upregulating expression of connexin 43 and E-cadherin. Journal of dairy science, 97(11), 6917-6925.

Projects

- Identification of interferon stimulatory marker for early diagnosis of karri sheep.

- Genome-wide association studies utilizing next generation sequencing to identify potentials selection markers for economic traits in diverse sheep population from Khyber-Pakhtunkhwa.

ACHIEVEMENTS

- Member china donkey industry development strategic alliance.
- Member National Center for Livestock Breeding, Genetics & Genomics (NCLBG&G)