

PERSONAL INFORMATION Dr. Arshad Zahoor



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EDUCATION

Ph.D. Clinical Veterinary Medicine

Huazhong Agricultural University, Wuhan, 430070, P.R. China

MPhil Clinical Veterinary Medicine

University of Agriculture, Faisalabad, 38000, I.R. Pakistan

D.V.M (Doctor of Veterinary Medicine)

University of Veterinary and Animal Sciences Lahore, Pakistan

F. Sc (Pre-Medical)

Garrison Science Degree College (DHA) Lahore, Pakistan

ACHIEVEMENTS

- | | |
|--------------|--|
| Project | Pakistan Science Foundation (PSF-NSLP) (2022)
PSF Project No. PSF/NSLP/KP-UAP (918) . Entitled "Exploring the In-vitro and In-vivo antibacterial role of Herbal Medicine (6-Gingerol) to Treat Mastitis in small ruminants" |
| Scholarships | Fully Funded Chinese Government Scholarship (2016)
Degree: PhD Veterinary Medicine; Duration: 09/2017 – 6/2020 Trainings |
| Awards | College of Veterinary Science “Academic Presentation Award”
Awarding Institute: Huazhong Agricultural University, Wuhan, China

International Academic Conference “Association of Science and Technology of Huazhong Agricultural University”
Awarding Institute: Huazhong Agricultural University, Wuhan, China |

TRAININGS & WORKSHOPS

- Bio-Risk/Bio-Safety/BRM (**Thailand**)
- SVDW, (Senior Veterinary Development Workshop) **Turkey**
- Veterinary foundation course in Animal welfare, handling and medicine (**Nepal**)
- Training of trainers (TOT) arranged by (Mercy Corp, USA).
- PRA (International Praxis, India)

PUBLICATIONS

- **Zahoor A**, Yang Y, Yang C, Akhtar M, Guo Y, Shaukat A, Guo MY, Deng G. Gas6 negatively regulates the Staphylococcus aureus-induced inflammatory response via TLR signaling in the mouse mammary gland. J Cell Physiol, **2020**, [https://doi: 10.1002/jcp.29604](https://doi.org/10.1002/jcp.29604) (5.5 IF)

- **Zahoor A**, Yang Y, Yang C, Khan SB, Reix C, Anwar F, Guo M-y, Deng G. MerTK negatively regulates Staphylococcus aureus induced inflammatory response via Toll-like receptor signaling in the mammary gland. *Molecular Immunology*, 2020, 122: 1-12. doi: 10.1016/j.molimm.2020.03.007 (3.6 IF)
- **Zahoor A**, Yang C, Yang Y, Akhtar M, Umar T, Khan MA, Ahmad S, Deng G, Guo MY. MerTK negatively regulates Staphylococcus aureus induced inflammatory response via SOCS1/SOCS3 and Mal. *Immunobiology*, 2020, <https://doi.org/10.1016/j.imbio.2020.151960>. (2.8 IF)
- **Zahoor A**, Yang C, Yang Y, Guo YF, Zhang T, Jiang K, Guo S, Deng G. 6-Gingerol exerts anti-inflammatory effects and protective properties on LTA-induced mastitis. *Phytomedicine*, 2020. <https://doi.org/10.1016/j.phymed.2020.153248> (4.1 IF)
- **Zahoor A**, Manzoor M.N, Usama A.R, Ahmad A, Rehman S.U, & Khan R.U. Epidemiology, electrolytes balance and treatment strategy of equine anhidrosis. *Research Op Ani Vet Sci*, 2011, 1(1): 4-7
- **Zahoor A**, Manzoor M, Muhammad G. *Equine Anhidrosis*. Published by LAP Lambert Academic Publishing (2017) ISBN 10: 3844312129 : **“Book Published”**
- Akhtar M, Guo S, Guo YF, **Zahoor A**, Shaukat A, Chen Y, Umar T, Deng PG, Guo M. Upregulated-gene expression of Pro-inflammatory cytokines (TNF- α , IL-1 β and IL-6) via TLRs following NF- κ B and MAPKs in bovine mastitis. *Acta Tropica*, 2020,: 105458
- Akhtar M, Shaukat A, **Zahoor A**, Chen Y, Wang Y, Yang M, Umar T, Guo M, Deng G. Anti-inflammatory effects of Hederacoside-C on Staphylococcus aureus induced inflammation via TLRs and their downstream signal pathway in vivo and in vitro. *Microbial Pathogenesis*, 2019, 137: 103767
- Akhtar M, Shaukat A, **Zahoor A**, Chen Y, Wang Y, Yang M, Umar T, Guo M, Deng G. Hederacoside-C inhibition of Staphylococcus aureus-induced mastitis via TLR2 & TLR4 and their downstream signaling NF- κ B and MAPKs pathways in vivo and in vitro. *Inflammation*, 2019b,:
- Ma X, Guo S, Jiang K, Wang X, Yin N, Yang Y, **Zahoor A**, Deng G. MiR-128 mediates negative regulation in Staphylococcus aureus induced inflammation by targeting MyD88. *International Immunopharmacology*, 2019, 70: 135-146
- Shaukat A, Guo Y-f, Jiang K, Zhao G, Wu H, Zhang T, Yang Y, Guo S, Yang C, **Zahoor A**, Akhtar M, Umar T, Shaukat I, Rajput SA, Hassan M, Deng G. Ginsenoside Rb1 ameliorates Staphylococcus aureus-induced Acute Lung Injury through attenuating NF- κ B and MAPK activation. *Microbial Pathogenesis*, 2019, 132: 302-312.
- Shaukat A, Yang C, Yang Y, Guo Y-f, Jiang K, Guo S, liu J, Zhang T, Zhao G, Ma X, Wu Z, Zhou Q, Akhtar M, **Zahoor A**, Umar T, Shaukat I, Hanif S, Rajput SA, Hassan M, Mehmood K et al. Ginsenoside Rb 1: A novel therapeutic agent in Staphylococcus aureus-induced Acute Lung Injury with special reference to Oxidative stress and Apoptosis. *Microbial Pathogenesis*, 2020, 143: 104109
- Tariq M, Kalhoro AB, Sarwar MS, Khan H, Ahmad S, Hassan SM, **Zahoor A**. Effects of medetomidine on serum glucose in cattle calves. *Pak J Pharm Sci*, 2016, 29(3): 941-944
- Yang Y, Yang C, Guo Y-f, Liu P, Guo S, Yang J, **Zahoor A**, Shaukat A, Deng G. MiR-142a-3p alleviates Escherichia coli derived lipopolysaccharide-induced acute lung injury by targeting TAB2. *Microbial Pathogenesis*, 2019, 136: 103721
- Zhu X, Qiu J, Zhang T, Yang Y, Guo S, Li T, Jiang K, **Zahoor A**, Deng G, Qiu C. MicroRNA-188-5p promotes apoptosis and inhibits cell proliferation of breast cancer cells via the MAPK signaling pathway by targeting Rap2c. *J Cell Physiol*, 2020, 235(3): 2389-2402
- Khan R U, Naz S, Dhama K, Karthik, Tiwari R, Abdelrahman M, Alhidary I, **Zahoor A**. Direct-Fed Microbial: beneficial applications, modes of action and prospects as a safe tool for enhancing ruminant production and safeguarding health. *International Journal of Pharmacology*, 2016, 12: 220-231.
- Yang C, Yang C, Huang Z, Zhang J, Chen N, Guo Y, Zahoor A, Deng G. Reduced expression of MiR-125a-5p aggravates LPS-induced experimental acute kidney injury pathology by targeting TRAF6. *Life Sci*. 2021 May 25;119657. doi: 10.1016/j.lfs.2021.119657.
- Ma X, Yin B, Guo S, Umar T, Liu J, Wu Z, Zhou Q, Zahoor A, Deng G, "Enhanced Expression of miR-34a Enhances Escherichia coli Lipopolysaccharide-Mediated

Endometritis by Targeting LGR4 to Activate the NF- κ B Pathway", *Oxidative Medicine and Cellular Longevity*, vol. 2021, Article ID 1744754, 18 pages, 2021. doi/10.1155/2021/1744754

- Umar T, Maa X, Yin B, Saqib Y, Umer S, Zahoor A, Akhtar M, Umar Z, Shaukat A, Deng G. miR-424-5p overexpression inhibits LPS-stimulated inflammatory response in bovine endometrial epithelial cells by targeting IRAK2. *Journal of Reproductive Immunology*. Volume 150, March 2022. doi.org/10.1016/j.jri.2021.103471

JOB EXPERIENCE

- Served as technical sale officer in Crystal feed & Assistant Production Manager Conimpex Breeders Farms
- Served as technical Sale officer in SB & Jadeed Poultry
Responsibilities:
 - Disease diagnosis, medicine prescription, prevention.
 - Vaccination programme in the area of jurisdiction.
 - Extension of knowledge to local poultry farms holders regarding management of poultry farms and prevention of diseases.
- Valuable experience as Veterinary officer/facilitator at **The Brooke** Pakistan
Responsibilities:
 - Project planning and implementation on various issues of working equines e.g. Surra, lameness and work related injuries etc.
 - Training of staff of the organization, and the partner organizations including PRSP (Punjab rural support programme) and SRSO (Sindh rural support organization).
 - Development of training and extension materials for veterinarians from likeminded organizations, community based animal health workers (CBAHWs), Community led extension workers
 - Organize camps to raise level of awareness regarding the prevention of different problems e.g. surra, heat stress, pain management etc. in working animals.
 - Veterinary Hospital management for 25 animals.
- Working as Lecturer at “The University of Agriculture Peshawar – Pakistan (Since July 2014)
Responsibilities:
 - Research and Teaching
 - Projects Running

IT Skills

- Ms word, Ms excel, Power point, EndNote, Medleys, Photoshop, GraphPad.