

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
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