

Muhammad Mushtaq

LIST OF PUBLICATIONS

1. **Mushtaq M**, F. R. Durrani, N. Imtiaz, UmerSadique, A. Hafeez, S. Akhtar and S. Ahmad 2011. Effect of Administration of Withaniasomnifera on Some Hematological and Immunological Profile of Broiler Chicks Pak Vet J, 32(1): 70-72.
2. Muhammad, D. N. Chand, S. Khan, A. Sultan, **M. Mushtaq** and Rafiullah. (2012). Hepatoprotective role of milk thistle (Silybummarianum) in meat type chicken fed aflatoxin B1 contaminated feed. Pak .J. Vet. Sci. 32(3):443-446.
3. Raziq, F., S. Khan, N.Chand, A.Sultan, **M. Mushtaq**, Rafiullah, S.M.Suhail and A. Zeb. (2012). Effect of water based Infusion of aloe barbedensis, pimpinellaanisum, berberisLycium, trigonellafoenumgraecum and allium sativum on the performance of broiler chicks. Pak .J. Vet. Sci. 32(4): 593-596.
4. Yasir J. S. Khan, N. Chand, **M. Mushtaq**, A. Sultan and Rafiullah. (2012). Comparative Efficacy of Different Schedules of Administration of Medicinal Plants mixed Infusion on Hematology of broiler Chicks. Sarhad J. Agric. 28(2):327-331.
5. U. Sadique, Z.. I. Chaudhry, M. Y. Rana, A. A. Anjum, Z. Hassan, A. Sajid and **M. Mushtaq**. 2012. Pathogenesis and Immunohistochemical studies of contagious caprinePleuropneumonia in experimentally inoculated goat. Pak. Vet. J. 11-346.
6. Sadique, U, Z. I. Chaudhry¹, M. Y. Rana² , A. A. Anjum³, Z. Hassan, **M. Mushtaq**, A. Sajid and S. Sabtain. 2012. Molecular Characterization of Contagious CaprinePleuropneumonia (CCPP) in Small Ruminants of Khyber Pakhtunkhwa, Pakistan. J. Ani. Plant Sci, 21(Suppl 1) pp 902-907.
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8. A. Kaka, M. U. Samo, T. H. Rahoo, Z. U. Rehman, Z. Shah, **M. Mushtaq**, U. Kaka and A. A. Behan. 2012. Study on post thawing quality of Kundhi buffalo semen. J.Ani. Plant Sci., 22(2 Suppl.): 59-62.

9. S. Khan, A. Sultan, N. Chand, **M. Mushtaq**, Rafiullah and M. S Qureshi. 2012. Garlic (*Allium sativum*) Modulated Serum Cholesterol Level and Improved Immune Status and Carcass Quality of Meat Type Birds. The 15th AAAP Animal Science Congress. The Animal Husbandry Association of Thailand. p 192.
10. Ahmad, I., T. A. Qureshi¹, U. Sadique, S. A. Khan², S. Ahmed³, Z. U. Rehman, S. Bahadar and **M. Mushtaq**. 2013. Hematological Effects of Diclofenac Sodium In Goat. *J. Anim. Plant Sci*, 23(Sup 1): 103-107.
11. **Muhammad Mushtaq**, Shabana Naz, Sarzamin Khan, Sajid-ur-Rehman and Rifat Ullah Khan. 2013. In vivo effect of *Berberis lyceum* and *Silybum marianum* on production performance and immune status in broiler chicks. *Archiv Tierzucht Archives Animal Breeding*. 56 (2013) 91 doi: 10.7482/0003-9438-56-091.
12. Saadullah, Hidayatullah, Muhammad Daud, Basreen Akhtar, Imran khan, Ghazi Rehman, Maqsood Qaiser, Arshad Qayyum, Waqar Younas, Allah Nawaz, Sajad Ahmed, Zenat Fatima Khattak, Mirina Sakhi, **Muhammad Mushtaq**. 2014. Bacteriological and Physico-Chemical Analysis of Irrigation Water Sources of Kohat, Pakistan. *International Journal of Advancements in Research & Technology*, Volume 3, Issue 3, ISSN 2278-7763.
13. Muhammad Daud, Sohail, Saadullah, Hasnain Nangyal, Hidayatullah, **Muhammad Mushtaq**, Basreen Akhtar and Zenat Fatima Khattak. 2014. Comparative in vitro study of *Euphorbia cf Serrata* stem extract against different pathogenic bacteria. *International Journal of Biosciences* Vol. 4, No. 5, p. 182-186.
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15. Azam Hayat, Fazal Malik, Muhammad Daud and **Muhammad Mushtaq**. 2014. Sero-diagnosis of Hepatitis C Virus infection in IDPs of Waziristan Residing at Bannu Camp in 2014. *Journal of Bio-Molecular Sciences (JBMS)*. 2(3): 72-77.
16. **Mushtaq, M.**, U. Sadique, N. Chand, I. Ahmed, S.S.A. Shah, I. Ahmad, Imran-Ullah and M.

Shah. 2016. Biochemical effect of water based infusion of *Withania somnifera* in broiler production. *Meat Sciences and Veterinary Public Health*, 1(1):17-20.

17. Naveed Iqbal, Muhammad Tahir Khan, Haq Amanullah, Israru Din, Hamayun Khan, Muqader Shah and **Muhammad Mushtaq**. 2019. Effect of feeding different levels of discarded date palm (*Phoenix dactylifera*) on digestibility, milk yield, and composition in Damani sheep. *Tropical Animal Health and Production*. <https://doi.org/10.1007/s11250-019-01919-w>.

18. **Muhammad Mushtaq**, Naila Chand, Umer Saddique, Sarzamin Khan. 2020. Protective role of methanolic extract of medicinal plants in paracetamol induced toxicity in laying hens. *International Journal of Biosciences*. 15, 5, 527-539.

19. **Muhammad Mushtaq**, Naila Chand, Sarzamin Khan, and Umer Saddique. 2021. In Vivo Effect of Medicinal Plants on Some Serum Biochemical Parameters in Laying Hens. *J Pharmacogn Nat Prod*, Volume 7:5,

20. Muhammad Mushtaq, Umer Sadique, Faizan Said, Muqaddar Shah, Haq Amanullah, Faisal Anwer. 2021. Immunomodulatory and hepato-protective role of water based supplemented *Bacillus clausii* in broiler chicks. *J. Saudi Society of Agricultural Sci*. <https://doi.org/10.1016/j.jssas.2021.07.003>

21. Muhammad Shahkar Uzair, **Muhammad Mushtaq**, Muhammad Shoaib et al., (2023). Enhanced Neomycin antibiotic properties through proteolytic enzyme in *Escherichia coli* induced infection in broiler chicks. *Pakistan J. Zool.*, pp 1-6.

22. **Mushtaq** et al., (2023). Effect of single specie probiotic on production parameters and intestinal histomorphology of meat type chicken. *Pakistan J. Zool.*, pp 1-8

23. Fazal Raziq, **Muhammad Mushtaq**, Erum Bughio, Muhammad Tahir Khan, Arif Hameed, Hafiz Allah Bachaya, Mushtaq Ahmad Gondal and Mubasher Rauf. 2023. Dose dependence studies of Aniseed (*Pimpinella anisum*) and Ginger (*Zingiber officinale*) extract mixture on growth promoting and immunomodulatory effects in broiler chicks. *Pure Appl. Biol.*, 12(2):197-205,

24. **Muhammad Mushtaq**, Ihsan Ullah Khan, Muhammad Shuaib, Naila Chand, Abubakar Sufyan, Muqader Shah, Ziaul Islam, Muhammad Shahkar Uzair, Aamer Khan, Qudrat Ullah and Usman Zeb. 2023. Effect of Probiotic *Bacillus clausii* on Production Parameters and Intestinal Histomorphology of Meat-Type Chicken. *Pakistan J. Zool.*, pp 1-8.

25. **Muhammad Mushtaq**, Baseerat Ali, Majid Ali, Neelam BiBi, Rabin Raut, Gamaleldin M. Suliman, Ayman A. Swelum. 2024. Different levels of single-strain probiotic (*Bacillus subtilis*) with proteolytic

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27. **Mushtaq** et al., (2024). Biochemical Assessment of Oxidative Status and Liver Biomarkers in Acetaminophen Associated Hepatic-Toxicity in Broiler Chicks. Pakistan J. Zool., pp 1-9. DOI: <https://dx.doi.org/10.17582/journal.pjz/20230613050644>

28. Muhammad Shoaib, Adnan Shams, Sarzamin Khan, **Muhammad Mushtaq**, Miss Najma Shams, Muhammad Amir and Zahid ullah. 2024. In-vitro and In-vivo antibacterial effects of Hydroxamic Acidin broilers. **Accepted for publication in Pakistan Journal of Zoology.**