

Brief Biodata

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Position: Animal Health Research Scientist

Affiliation: National Animal Health Research Centre (NAHRC) of Nepal
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Years of Experience: >15 years in industry, academia and government organization

Academic Qualifications: PhD (Veterinary Medicine), 2019, Zhejiang University, College of Animal Science, Hangzhou, China

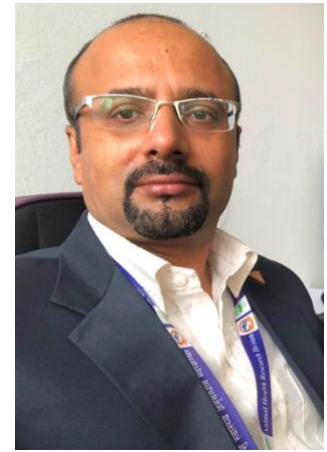
MVSc (Medicine), 2009, Institute of Agriculture and Animal Science (IAAS), Tribhuvan University, Nepal

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Research Interests: Zoonoses, Salmonella in Animals, One Health, Infectious Animal Diseases

Publications:

- Paudyal N, and Basnet H.B. Isolation and Characterization of the NDV from poultry samples brought for postmortem examination at the VTH, IAAS, Rampur. Proceedings of the Eighth National Vet Conference (VetCon 2008), Kathmandu, Nepal.
- Paudyal, N., Khadka R.B. and Khadka R. 2013. Agricultural Perspectives of Climate Induced Disasters in Doti, Nepal. The Journal of Agriculture and Environment, Government of Nepal, Ministry of Agricultural Development, Vol 13, pp 149-159.
- Paudyal, N., Shrestha P., Rijal, M., Shrestha, J., and Tiwari B.B. 2013. Prevalence and Antibiogram of Thermophilic *Campylobacter* in Faeces of Broiler Chicken Collected from Slaughterhouses of Bhaktapur, Nepal. Proceedings of the 3rd NCRT-IFS-MU Workshop on Collaborative Research in Natural Products and Food Science", at Bangkok, Thailand held from November 28-December 5, 2013, pp 24.
- Tiwari, B.B., P.R. Bista and N. Paudyal, and. 2014. Veterinary Students' and Veterinarians Perception towards Veterinary Epidemiology and Public Health. Nepalese Veterinary Journal, 31:38-55. [corresponding author]
- Liu Xi, Pan Hang, Narayan Paudyal, Fang Weihuan and Li Xiaoliang, 2016. Investigation of *Campylobacter* contamination in Poultry Meat and its Inactivation Kinetics Characteristics during Cold Storage. Acta Agriculturae Zhejiangensis, 28(11): 1834-1841 (in Chinese)
- Doj Raj Khanal, Meera Prajapati, Prazila Shrestha, Swoyam P. Shrestha, Madav P. Acharya, Narayan Paudyal, Richard Bowen, Upendra M. Singh & Bhoj Raj Joshi. 2016. Detection of Antibodies against Bluetongue Virus among Domestic Ruminants in the Highlands of Nepal. Veterinaria Italiana. 52(3-4), 313-317.
- Paudyal N, Anihouvi V, Hounhouigan J, Matsheka MI, Sekwati-Monang B, Amoa-Awua W, Atter A, Ackah NB, Mbugua S, Asagbra A, Abdelgadir W, Nakavuma J, Jakobsen M, Fang W. Prevalence of foodborne pathogens in food from selected African countries - A meta-analysis. International Journal of Food Microbiology. 2017; 249:35-43.
- Pan H*, Paudyal N*, Li X, Fang W, Yue M. Multiple Food-Animal-Borne Route in Transmission of Antibiotic-Resistant *Salmonella* Newport to Humans. Frontiers in Microbiology 2018; 9. 9 (*equal contribution, shared authorship).
- Paudyal N, Pan H, Liao X, Zhang X, Li X, Fang W, Yue M. A Meta-Analysis of Major Foodborne Pathogens in Chinese Food Commodities between 2006 and 2016. Foodborne Pathogens and Diseases. 2018 Apr; 15 (4):187-197. DOI: 10.1089/fpd.2017.2417.
- Paudyal N, Pan H, Li X, Fang W, Yue M. Antibiotic Resistance in *Salmonella* Enteritidis Isolates Recovered from Chicken, Chicken Breast, and Humans Through National Antimicrobial Resistance Monitoring System Between 1996 and 2014. Foodborne Pathogens and Diseases. 2018 Jun 21. DOI: 10.1089/fpd.2017.2402.



- Elbediwi, M*, Y. Li*, N. Paudyal*, H. Pan, X. Li, S. Xie, A. Rajkovic, Y. Feng, W. Fang, S. C. Rankin and M. Yue (2019). Global Burden of Colistin-Resistant Bacteria: Mobilized Colistin Resistance Genes Study (1980–2018). *Microorganisms* 7(10): 461. (*equal contribution, shared authorship).
- Jiang, Z.*, N. Paudyal*, Y. Xu, T. Deng, F. Li, H. Pan, X. Peng, Q. He and M. Yue (2019). Antibiotic Resistance Profiles of Salmonella Recovered From Finishing Pigs and Slaughter Facilities in Henan, China. *Front Microbiol* 10: 1513. (*equal contribution, shared authorship)
- Paudyal, N., H. Pan, M. Elbediwi, X. Zhou, X. Peng, X. Li, W. Fang and M. Yue (2019). Characterization of Salmonella Dublin isolated from bovine and human hosts. *BMC Microbiology* 19(1): 226.
- Wang, X., S. Biswas, N. Paudyal, H. Pan, X. Li, W. Fang and M. Yue (2019). Antibiotic Resistance in Salmonella Typhimurium Isolates Recovered From the Food Chain Through National Antimicrobial Resistance Monitoring System Between 1996 and 2016. *Front Microbiol* 10: 985.
- N. Paudyal, N. Shrestha, J. Adhikari, S. Bhandari, S. Bista, A. Subedi and R. Shrestha. 2020. Retrospective Analysis of Food Borne Pathogens in Nepalese Foods. *The Journal of Agriculture and Environment*. Government of Nepal, Ministry of Agriculture and Livestock Development, Singhdurbar, Kathmandu. Vol 21, pp 183-195
- J. Adhikari, S. Thapaliya, S. Singh , M. K. Sah and N. Paudyal (Corresponding author). 2020. Anti-inflammatory properties of methanolic extract of "sikari laharo" (*Periploca calophylla*). *Journal of Agriculture and Forestry University*, Vol 4, 231-242
- Zhou Kun, Wu Beibei, Pan Hang, Paudyal Narayan, Jiang Jize, Zhang Le, Li Yan, Yue Min. 2020. ONE Health Approach to Address Zoonotic Brucellosis: A Spatiotemporal Associations Study between Animals and Humans. *Frontiers in Veterinary Science*. DOI: 10.3389/fvets.2020.00521
- J. Adhikari, S. Thapaliya, M.K. Sah, S. Singh & N. Paudyal (Corresponding author). 2021. Methanolic extract of Sikari Laharo (*Periploca callophyla*) has analgesic properties. *Nepalese Veterinary Journal*, Vol 37, pp 71-81.
- Paudyal, N, Poudel, S, Pandey, D, and Khanal, DR. 2021. Sero-detection of *Coxiella burnetii* infection in cattle, sheep and goats in selected regions of Nepal. *Vet Med Sci*. 2021; 00: 1–5. <https://doi.org/10.1002/vms3.458>.

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