

ENGLISH FORMAT

Name: Dr. DHARANESHA N K

Department: Department of Veterinary Pathology

Designation and address: Associate Professor

Qualifications: BVSc & AH, M.V.Sc., PhD, PGDAW, PDAEM

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Field (s) of specialization: Veterinary Pathology

I have expertise in conducting post-mortem examinations in domestic animals, wildlife, and avian species. My work encompasses diverse fields, including gross pathology, histopathology, cytopathology, immunohistochemistry, clinical pathology, serum biochemistry, haematology, serology, and parasitology. I am experienced in microscopic examination of blood, faecal, and skin scraping samples to identify disease causing agents in animals and birds. Additionally, I am proficient in detecting infectious agents such as viruses, bacteria, parasites, and fungi using molecular techniques like PCR.

Research publications:

1. Vijaykumar, Lavanya K., **Dharanisha N. Krishnegowda**, Sneha Judith, Lohith T. Shankarappa, Asha Mayanna, Jagadeesh S. Sanganal, and Raveendra Hegde. "Method validation and quantification of 188 pesticides in animal liver using QuEChERS and GC-MS/MS." *Toxicologie Analytique et Clinique* (2024).
2. **Krishnegowda, Dharanisha Narasinakuppe**, Bhoj Raj Singh, Asok Kumar Mariappan, Palanivelu Munuswamy, Karam Pal Singh, Mani Saminathan, Rajasekar Ramalingam et al. "Molecular epidemiological studies on avian pathogenic *Escherichia coli* associated with septicemia in chickens in India." *Microbial Pathogenesis* 162 (2022): 105313.
3. **Krishnegowda, Dharanisha Narasinakuppe**, Kuldeep Dhama, Asok Kumar Mariappan, Palanivelu Munuswamy, Mohd Iqbal Yattoo, Ruchi Tiwari, Kumaragurubaran Karthik, Prakash Bhatt, and Maddula Ramakoti Reddy. "Etiology, epidemiology, pathology, and advances in diagnosis, vaccine development, and treatment of *Gallibacterium anatis* infection in poultry: a review." *The Veterinary Quarterly* 40, no. 1 (2020): 16.



4. **Dharanesha, N. K.**, J. H. Khorajiya, B. M. Shivaraj, M. Saminathan, and S. M. Byregowda. "Clinicopathological and molecular investigation of sheep pox in southern districts of Karnataka, India." *Indian Journal of Veterinary Pathology* (2020): 43-48.
5. **Krishnegowda, Dharanesha Narasinakuppe**, Asok Kumar Mariappan, Kuldeep Dhama, Karam Pal Singh, Bhoj Raj Singh, Mani Saminathan, Rajasekar Ramalingam, Vidya Singh, and Maddula Ramakoti Reddy. "Pathobiology of different chicken organs in septicemic deaths." *Indian Journal of Veterinary Pathology* (2020): 91-100.
6. **Dharanesha, N. K.**, K. R. Baghel, M. Pathak, and M. Saminathan. "Gross and histopathology of avian pox in a feral pigeon (*Columba spp*)-A case report." *Indian Journal of Veterinary Pathology* (2020): 268-270.
7. **Dharanesha, N. K.**, M. Saminathan, P. Mamta, K. R. Ramesh, K. J. Ananda, P. Giridhar, and S. M. Byregowda. "Parasitic pneumonia caused by *Paragonimus spp.* in a wild Royal Bengal Tiger, Mysuru, South India." *Journal of Parasitic Diseases* 43 (2019): 528-533.
8. Lakshminarasimhaiah, Manjunatha, Suresh N. Bypanahalli, Naveenkumar G. Srinivasmurthy, Bharathraj Basavaiah, and **Dharanesha N. Krishnegowda**. "Supplementation of Ground Maize Grain and Mineral Mixture to Improve Milk Solid-Not-Fat Content in Dairy Cattle." *International Journal of Livestock Research* (2018):307-312.
9. Deepthi, B. V., Rakesh Somashekaraiyah, K. Poornachandra Rao, N. Deepa, **N. K. Dharanesha**, K. S. Girish, and M. Y. Sreenivasa. "Lactobacillus plantarum MYS6 ameliorates fumonisin B1-induced hepatorenal damage in broilers." *Frontiers in microbiology* 8 (2017): 2317.
10. **Dharanesha, N. K.**, P. Giridhar, S. M. Byregowda, M. D. Venkatesh, and K. J. Ananda. "Seasonal prevalence of blood parasitic diseases in crossbred cattle of Mysore and its surrounding districts of Karnataka." *Journal of Parasitic Diseases* 41, no. 3 (2017): 773-777.
11. Javare Gowda, Ananda K., **N. K. Dharanesha**, P. Giridhar, and S. M. Byre Gowda. "Cobboldia elephantis (Cobbold, 1866) larval infestation in an Indian elephant (*Elephas maximus*)." *Journal of Parasitic Diseases* 41 (2017): 364-366.
12. **Dharanesha, N. K.**, B. P. Shivshankar, K. R. Ramesh, L. M. Kshamaa, K. S. Umashankar, K. J. Ananda, P. Giridhar, and S. M. Byregowda. "Pulmonary paragonimiasis in a royal Bengal tiger-A case report." *Indian Journal of Veterinary Pathology* (2017): 143-145.
13. Hegde, Raveendra, Srikanth Kowalli, K. Nagaraja, **N. K. Dharanesha**, C. M. Seema, Tanveer Ahmed Khan, G. V. Nagaraj et al. "Serosurveillance of foot and mouth disease in Karnataka state, India: a 3 years study." *Virus Disease* 27, no. 3 (2016): 294-302.
14. KJ, Ananda, **N. K. Dharanesh**, and D. S. Malatesh. "Sero-Prevalence of Moneizia expansa Infection in Sheep by Indirect-ELISA Using Somatic Antigen." *Veterinary Research* 4, no. 1 (2016): 45-49.
15. **Dharanesha, N. K.**, H. K. Muniyellapa, K. J. Ananda, P. Giridhar, S. M. Byregowda, G. J. Ranganath, and B. P. Shivshankar. "Pathological study of acute fasciolosis in goats in Karnataka." *Indian Journal of Veterinary Pathology* (2015): 321-324.
16. **Dharanesha, N.K.**, K.J. Ananda, Joseph Cyrus, Jaya, N. Lakkundi, P. Giridhar and M.D. Venkatesh. "An Outbreak of Chorioptic Mange on Goat in a Farm at Gulbarga District, Karnataka, India." *Indian Veterinary Journal* (2015): 35-38.

17. Hegde, Raveendra, Amitha R. Gomes, P. Giridhar, Srikanth Kowalli, B. P. Shivashankar, K. J. Sudharshana, K. Nagaraj, C.M Seema, Tanveer Ahmed Khan, G.V Nagaraj, K Srikala, **N.K Dharanesh**, M.D Venkatesha, C Renukprasad. "Epidemiology of foot and mouth disease in Karnataka state, India: a retrospective study." *Virus Disease* 25 (2014): 504-509.

Honours and awards:

1. IAVP- Dr H.V.S. Chauhan Best Poultry Pathologist Award, 2025 awarded by the Indian Association of Veterinary Pathologists in the year 2025
2. IAVP- Best Poster Presentation Award 2022 for the Poster titled "Study on the etiopathology of septicaemia conditions in chicken" Conferred by The Indian Association of Veterinary Pathologists on 20th November 2022
3. Best student award (Gold) for the Ph.D. Degree for having secured the highest grade point average, conferred by Deemed University ICAR-IVRI Izatnagar, 23rd August 2022
4. Dr.C.M. Singh Best Ph.D. scholar award (Gold) conferred by Deemed University ICAR-IVRI Izatnagar, 23rd August 2022
5. IAVP- Best Ph.D. Thesis Award, 2021 awarded by the Indian Association of Veterinary Pathologists in the year 2021
6. IAVP-Dr. B.S. Rajya Award for Best Non-Oncology Short/ Rapid Communication Certificate awarded by the Indian Association of Veterinary Pathologists in the year 2021
7. Selected for Overseas Training at the University of Veterinary Medicine, Vienna, Austria, for the period of 3 months under the CAAST sub-project 'Advanced Centre for Livestock Health (ACLH), ICAR-IVRI under ICAR-NAHEP in the year 2019.
8. Graduate Research Assistantship awarded by Texas A&M University, College Station, Texas, USA in the year 2010
9. ICAR-Junior Research Fellowship (JRF), awarded by ICAR in the year 2009