Dr Anil Kumar Nehra

Designation	**Assistant Professor**
	Department of Veterinary Parasitology College of Veterinary Sciences Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS), Hisar -125004 (Haryana) India Phone: 01662-256124 (O) Mobile: +918265808497 E-mail: anilnehra15@gmail.com
Educational Qualifications	• 2019: Ph.D., Veterinary Parasitology, ICAR-IVRI, Izatnagar, Uttar Pradesh • 2015: M.V.Sc., Veterinary Parasitology, ICAR-IVRI, Izatnagar, Uttar Pradesh • 2013: B.V.Sc. & A.H., COVS, LUVAS, Hisar
Employment Details	• Assistant Professor, LUVAS, Hisar: 12.07.2019 – Till date • Veterinary Surgeon (HVS-II), Department of Animal Husbandry and Dairying, Haryana, India: 08.11.2018 to 11.07.2019
Research Interests	• Veterinary Parasitology • Molecular characterization and phylogenetics of parasites • Population genetics and dynamics of parasites • Zoonotic diseases and emerging parasites • Genetic diversity and evolution of parasites • Development of rapid molecular and serodiagnostic tests
Students Guided	• As Major Advisor: 01 M.V.Sc. student • As Co-Major Advisor: Nil • As Member Advisory Committee: 02 students
Research Projects Handled/Undergoing	• ANRF-funded "Unravelling the genealogy and population structure of *Babesia bovis*: An emerging haemoprotozoan parasite of cattle" • HSCSIT funded "Genetic profiling of zoonotic *Echinococcus granulosus* genotypes infecting buffaloes in Haryana" • RKVY-funded "Strengthening of diagnostic facilities for vector-borne haemoparasitic diseases and creation of awareness amongst farmers for disease control" • LUVAS funded institutional project "Molecular prevalence and phylogeny of ixodid ticks and tick-borne haemoparasites of cattle and buffaloes of Haryana"
Publications	**Total Research Papers Published:** 42 **>8.0 NAAS rating:** 30 **6-8 NAAS rating:** 11 **Google Scholar index** **Research Citations**: 633 **h-index**: 14 **i-10index**: 20
	Books Published: Nil **Book Chapters:** 29 **Practical/Training Manuals:** 15
	PopularArticles: 03 **Gene Sequences Submitted:** 471 **Seminar/ Conference Attended:** 11

	• **Nehra, A.K.**[#,*], Kumari, A.[#,*], Panda, R., & Moudgil, A.D. (2026). Phylogeography and population genetic structure of *Ehrlichia canis* based on *16S rRNA* gene sequences. *Sci Rep*. Accepted ([#]Equal contribution; *corresponding author) • Kumari, A.[#,*], Agnihotri, D., **Nehra, A.K.**[#,*], Moudgil, A.D., Singh, Y., Maurya, P.S., Pateer, D.P. & Garg, R. (2026). Genetic diversity, population structure and haplotype analysis of *Babesia gibsoni* based on the thrombospondin-related adhesive protein (*TRAP*) gene. *Sci. Rep*. **16:** 16888. https://doi.org/10.1038/s41598-026-46188-4 ([#]Equal contribution; *corresponding author) • **Nehra, A.K.**[#,*], Panda, R.[#], Maurya, P.S., Kumari, A. and Moudgil, A.D. (2025). Deciphering the global genetic structure of *Spirometra mansoni* and *S. erinaceieuropaei* based on 28S ribosomal RNA: Insights into taxonomical revaluation and population dynamics. *Parasitol. Res.* **124(11):** 135. https://doi.org/10.1007/s00436-025-08589-8 ([#]Equal first authors; *corresponding author) • Kumari, A.[#,*], Agnihotri, D., **Nehra, A.K.**[#,*], Moudgil, A.D., Singh, Y., Pateer, D.P. and Garg, R. (2024). Population genetics of *Babesia vogeli* based on the mitochondrial cytochrome b gene. *Sci. Rep.* **14:** 21975. https://doi.org/10.1038/s41598-024-72572-z ([#]Equal contribution; *corresponding author) • **Nehra, A.K.**[#,*], Kumari, A.[#], Moudgil, A.D. and Vohra, S. (2024). Revisiting the genotypes of *Theileria equi* based on the V4 hypervariable region of the 18S rRNA gene. *Front. Vet. Sci.* **11:** 1303090. https://doi.org/10.3389/fvets.2024.1303090 ([#]Equal first authors; *corresponding author) • **Nehra, A.K.**[#,*], Moudgil, A.D.[#], Kumari, A.[#], Kumar, V. and Vohra, S. (2024). Population genetic characterization of *Theileria annulata* based on the cytochrome b gene, with genetic insights into buparvaquone susceptibility in Haryana (India). *Acta Trop.* **250:** 107103. https://doi.org/10.1016/j.actatropica.2023.107103 ([#]Equal first authors; *corresponding author) • **Nehra, A.K.**[#,*], Kumari, A.[#], Moudgil, A.D. and Vohra, S. (2022). An insight into misidentification of small-subunit ribosomal RNA (18S rRNA) gene sequences of *Theileria* spp. as *Theileria annulata*. *BMC Vet. Res.* **18:** 454. https://doi.org/10.1186/s12917-022-03540-w ([#]Equal first authors; *corresponding author) • **Nehra, A.K.**[#,*], Kumari, A.[#], Kundave, V.R., Vohra, S. and Ram, H. (2022). Molecular insights into the population structure and haplotype network of *Theileria annulata* based on the small-subunit ribosomal RNA (18S rRNA) gene. *Infect. Genet. Evol.* **99:** 105252. https://doi.org/10.1016/j.meegid.2022.105252 ([#]Equal first authors; *corresponding author) • **Nehra, A.K.**[#,*], Kumari, A.[#], Moudgil, A.D. and Vohra, S. (2021). Phylogenetic analysis, genetic diversity and geographical distribution of *Babesia caballi* based on 18S rRNA gene. *Ticks Tick borne Dis.* **12(5):** 101776. https://doi.org/10.1016/j.ttbdis.2021.101776 ([#]Equal first authors; *corresponding author) • **Nehra, A. K.**, Gowane, G. R., Kuriyal, A., Chaurasiya, A., Kumar, R., Bhinsara, D. B., Parthasarathi, B. C., Bhawana, K., Khare, R. K., Prasad, A., Chandra, D. and Sankar, M. (2019). Immune response against subclinical haemonchosis in Himalayan hill goats. *Vet. Parasitol.* **267:** 47-53. https://doi.org/10.1016/j.vetpar.2019.01.005
IPRs granted	• **Nil**
Awards/ Fellowships/ Recognition received	• ICMR-Junior Research Fellowship for Ph.D. (2016-18) • ICAR-IVRI Institutional Fellowship for Ph.D. (2015-16) • ICAR-Junior Research Fellowship for M.V.Sc. (2013-15) • HAU and LUVAS Merit scholarship holder throughout Undergraduate course • M-Ceft Merit award for 2nd position in B.V.Sc. & A.H. (2013) • Awarded Anusandhan National Research Foundation (ANRF)-International Travel Grant for participating in 20th International Congress on Infectious Diseases (ICID), Cape Town, South Africa (03 December, 2024 to 06 December, 2024).
Membership of Professional Scientific Societies	• Life member of Indian Association for Advancement of Veterinary Parasitology • Life member of Indian Society for Advancement of Canine Practice • Veterinary Council of India • Haryana Veterinary Council

Editorial board of Scientific Journal	• Editorial board member of Scientific Reports (2025-till date) • Editorial board member of BMC Veterinary Research (2025-till date) • Community editor of Frontiers in Veterinary Science (2022-till date)
Reviewer of Scientific Journals	• Acta Parasitologica • Acta Tropica • Animals • BMC Genomic Data • BMC Veterinary Research • Experimental and Applied Acarology • Frontiers in Veterinary Science • International Journal of Tropical Insect Science • Journal of King Saud University – Science • Molecular Biology Reports • Parasites and Vectors • Parasitology Research • Research in Veterinary Science • Scientific Reports • Tropical Animal Health and Production • Tropical Medicine and Infectious Disease • Veterinary Parasitology: Regional Studies and Reports • Veterinary Research Communications
Any Other (if any)	• Nil