Dr Aman Dev Moudgil

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: +917018481591 E-mail: moudgil.aman@luvas.edu.in
Educational Qualifications	• 2015: Ph.D. Veterinary Parasitology, COVS, GADVASU Ludhiana (Punjab) • 2011: M.V.Sc., Veterinary Parasitology, COVS, CSKHPKV, Palampur (H.P.) • 2009: B.V.Sc. & A.H., COVS, CSKHPKV, Palampur (H.P.)
Employment Details	• Assistant Professor, Veterinary Parasitology, COVS, LUVAS: 10.07.2019-continuing • Assistant Professor, Veterinary Parasitology, COVS, CSKHPKV, Palampur: 20.04.2017-09.07.2019 • Senior Research Fellow: 01.11.2016- 31.03.2017 • Principal (College of Vety. Pharmacy): 23.02.2016- 18.07.2016 • Project Fellow (CSK HPKV, Palampur): 10.07.2015- 12.02.2016
Research Interests	• Zoonotic parasitic diseases (helminths, arthropods and protozoa) • Ticks and tick-borne diseases
Students Guided	• As Major Advisor: 01 M.V.Sc. • As Member, Advisory Committee: 04
Research Projects Handled/Undergoing	• RKVY-RAFTAAR research project entitled "Strengthening of diagnostic facilities for vector-borne haemoparasitic diseases and creation of awareness amongst the farmers for disease control" • ICMR funded research project entitled "Genetic characterization of zoonotic *Echinococcus granulosus* genotypes in slaughtered small ruminants" • ANRF funded research project entitled "Unravelling the genealogy and population structure of *Babesia bovis*: An emerging haemoprotozoan parasite of cattle" • HSCSIT funded research project entitled "Genetic profiling of zoonotic *Echinococcus granulosus* genotypes infecting buffaloes in Haryana" • LUVAS funded institutional research project entitled 'Molecular prevalence and phylogeny of ixodid ticks and tick-borne haemoparasites of cattle and buffaloes of Haryana' • LUVAS funded institutional research project entitled 'Seroprevalence of *Toxoplasma gondii* in slaughtered small ruminants in Haryana'
Publications	**Total Research Papers Published:** 62 **>8.0 NAAS rating: 21** **6-8 NAAS rating: 26** **Google Scholar index** **Research Citations**: 691 **h-index**: 14; **i-10index**: 24
	Book Chapters: 02 **Practical/Training Manuals:** 10
	PopularArticles: 05 **Review articles**: 05 **GenBank Submissions:** 152 **International Seminar/ Conference Attended:** 10

	• Moudgil, P., Lohan, A., Nehra, A. K., Sharma, A., & **Moudgil, A. D.** (2026). Molecular characterization of *Echinococcus granulosus* sensu lato genotypes circulating in small ruminants in north India. Scientific Reports, *16*(1), 22152. https://doi.org/10.1038/s41598-026-52729-8 (NAAS rating **9.90**) • Moudgil, P., Nehra, A.K. & **Moudgil, A.D**. (2026) Mitochondrial *nad5* gene-based genetic diversity analysis of *Echinococcus granulosus* sensu lato hydatid cysts in small ruminants of north India. Molecular Biology Reports, *53*, 697. https://doi.org/10.1007/s11033-026-11880-1 (NAAS rating **8.80**) • Dhankhar, V., Nehra, A. K., & **Moudgil, A. D.** (2026). Insight into molecular phylogeny and haplotype diversity of the dog louse fly (*Hippobosca longipennis*) in India. *BMC Veterinary Research*, *22*(1), 162. https://doi.org/10.1186/s12917-026-05356-4 (NAAS rating **8.60**) • **Moudgil, A. D**., & Nehra, A. K. (2025). Mitochondrial genetic markers based phylogenetic analyses of *Hyalomma dromedarii* Koch, 1844 (Acari: Ixodidae). *Journal, Genetic Engineering & Biotechnology*, *23*(1), 100460. https://doi.org/10.1016/j.jgeb.2025.100460 (NAAS rating **8.80**) • **Moudgil, A. D**., Nehra, A. K., & Moudgil, P. (2024). *Taenia asiatica*: Mitochondrial signatures- based analysis of an emerging public health threat in India. *New Microbes and New Infections*, *63*, 101562. https://doi.org/10.1016/j.nmni.2024.101562 (NAAS rating **11.00**) • **Moudgil, A. D**., Nehra, A. K., & Vohra, S. (2024). Cladistics and population structure analysis of *Anaplasma marginale* (Rickettsiales: Anaplasmataceae) in Haryana, India based on genes encoding the major surface proteins. *Comparative Immunology, Microbiology and Infectious Diseases*, *115*, 102274. https://doi.org/10.1016/j.cimid.2024.102274 (NAAS rating **8.50**) • **Moudgil, A. D**., Nehra, A. K., Langyan, N., Kumar, V., & Vohra, S. (2024). Population structure and haplotype network analyses of *Hyalomma anatolicum* based on the large subunit ribosomal RNA (16S rRNA) gene. *Parasitology research*, *123*(7), 259. https://doi.org/10.1007/s00436-024-08279-x (NAAS rating **8.00**) • **Moudgil, A. D**., Nehra, A. K., & Vohra, S. (2023). Phylogeography and demographic dynamics of *Rhipicephalus microplus* from North India. *Infection, Genetics and Evolution: Journal of Molecular epidemiology and Evolutionary Genetics in Infectious Diseases*, *112*, 105464. https://doi.org/10.1016/j.meegid.2023.105464 (NAAS rating **8.60**) • **Moudgil, A. D**., Nehra, A. K., Vohra, S., Nehra, V., & Lather, D. (2023). First record of molecular and pathological investigations of physalopterid larvae infection in northern palm squirrel *Funambulus pennantii*. *Parasitology Research*, *122*(7), 1671–1675. https://doi.org/10.1007/s00436-023-07873-9 (NAAS rating **8.00**) • **Moudgil, A. D**., Moudgil, P., Asrani, R. K., & Agnihotri, R. K. (2019). Hydatidosis in slaughtered sheep and goats in India: prevalence, genotypic characterization and pathological studies. *Journal of Helminthology*, *94*, e27. https://doi.org/10.1017/S0022149X18001219 (NAAS rating **7.60**)
Research Excellence Awards	• **First prize** for poster presentation in the 32nd National Congress of Veterinary Parasitology (NCVP) held at Bihar Veterinary College, BASU Patna from Nov. 29- Dec.1, 2023, for the poster entitled '**Demographic dynamics and haplotype network analyses of *Hyalomma anatolicum* based on the large subunit ribosomal RNA (*16S rRNA*) gene**'. • **Second prize** for poster presentation in the XIX Annual Conference of Indian Association of Veterinary Public Health Specialists (IAVPHS) and International Symposium on "Promotion of One Health: Opportunities, Challenges and Solutions held at the Department of Veterinary Public Health and Epidemiology, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar (Haryana) for the poster entitled '**Role of pigs in transmission dynamics of zoonotic *Echinococcus ortleppi* in Haryana, India**'. • **Second prize** for the oral presentation in the 32nd National Congress of Veterinary Parasitology (NCVP) held at Bihar Veterinary College, BASU Patna from Nov. 29- Dec.1, 2023, for the presentation entitled '**Cytochrome B gene-based population genetic characterization of *Theileria annualata* along with the genetic evidence for Buparvaquone susceptibility in India**'.

Awards/ Fellowships/ Recognitions Received	• **Young Investigator Award -** International Society for Infectious Diseases/ Bill & Melinda Gates Foundation in 2016. • **INSPIRE Fellowship** for PhD program by Department of Science and Technology, New Delhi in 2012.
Membership of Professional Scientific Societies	• Indian Association for the Advancement of Veterinary Parasitology (IAAVP) • The European Society for Clinical Microbiology and Infectious Diseases (ESCMID) • The British Society for Parasitology (BSP)
Editorial board member	• Journal of Parasitic Diseases
Reviewer assignments for the Scientific Journals	• Scientific Reports • Parasitology Research • Veterinary Research Communications • BMC Veterinary Research • Acta Tropica • Vector-Borne and Zoonotic Diseases • Veterinary Medicine and Science • Journal of Helminthology • Heliyon • Veterinary Records case reports • Tropical Animal Health and Production • Journal of Parasitic Diseases
Any other	• Co-ordinator (ADSW General) • Convener, IIC LUVAS • Member, IKS cell LUVAS • Member, Pranvayu Club LUVAS