Dr Anshul Lather

Designation	**Assistant Professor**
	Department of Veterinary Microbiology College of Veterinary Sciences Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS), Hisar -125004 (Haryana) India Phone: 01662-284333 (O) Mobile: +91-9416545290 E-mail: anshul.lather08@luvas.edu.in
Educational Qualifications	• 2015 Ph.D. (Veterinary Microbiology), LUVAS, Hisar • 2010 M.V.Sc. (Veterinary Microbiology), CCSHAU, Hisar • 2008 B.V.Sc. & A.H., COVS, CCSHAU, Hisar
Employment Details	• Assistant Professor: 12 May, 2016 – Continuing • Haryana Veterinary Surgeon: 25 July, 2012 – 11 May, 2016
Research Interests	• Viral Immunology • Veterinary diagnostic virology including molecular and serological assays • Foot-and-mouth disease: molecular epidemiology, sero-surveillance and sero-monitoring
Students Guided	• As Major Advisor: 02 M.V.Sc. and 01 Ph.D. student • As Co-Major Advisor: 2 M.V.Sc. students • As Member Advisory Committee: 12 students
Research Projects Handled/Undergoing	• ICAR-funded "Foot and Mouth Disease-Hisar Centre under Livestock Health and Disease Control Programme" • ICAR-funded "Foot and Mouth Disease-Hisar Centre (National Animal Disease Control Programme)" • ICAR-funded "ICAR-Niche Area of Excellence (NAE) Project on "Phage display techniques for production of veterinary immunobiologicals without sacrificing animals" • HSCSIT funded "Production and Characterization of Foot-and-Mouth Disease Virus specific Nanobodies for Application as Diagnostic Reagents"
Publications	**Total Research Papers Published:** 16 **>8.0 NAAS rating:** 06 **6-8 NAAS rating:** 02 **Google Scholar index** **Research Citations**: 65 **h-index**: 05 **i-10index**: 02
	Books Published: -- **Book Chapters:** 8 **Practical/Training Manuals:** 05
	PopularArticles: 12 **Gene Sequences Submitted:** 6 **Seminar/ Conference Attended:** 6

	• Kumar, V., Dahiya, S., Budania, S., Gupta, A.K., Sangwan, P., Lather, A., Kumar, P., Kakker, N.K. and Singh, A. (2023). Characterization of Foot-and-Mouth Disease Virus Serotype O-Specific Single Domain Antibody Expressed in the pET Expression System. Indian J Microbiol. 63(3): 337-343. doi: 10.1007/s12088-023-01095-4. Epub 2023 Sep 2. PMID: 37781019; PMCID: PMC10533770. (NAAS Rating 9.0). • Malik A., Gupta A.K., Kumar J., Lather A., Kumar P., Singh M., Dahiya S., Kakker N.K. (2024). Optimization of culture conditions for expression of anti-lipopolysaccharide single-domain antibody clone in Pichia pastoris. Indian J. Anim. Res. 1(7): 7. doi: 10.18805/IJAR.B-5541 (NAAS rating: 6.5) • Rout, M., Dahiya, S., Lather, A., Aasarey, R., Tripathy, J.P., Subramaniam, S., Mohapatra, J.K. and Singh, R.P. (2024). Cross-sectional serological study to estimate foot-and-mouth disease virus nonstructural protein antibodies in randomly sampled small ruminants and pigs in Haryana during 2019 and 2020. Indian Journal of Animal Sciences. 94 (7): 575-578. (NAAS Rating 6.4). • Kaur, J., Lather, A., Kamboj, S., Singh, M., Manoj, J. and Chhabra, R. (2024). Antimicrobial susceptibility profile of methicillin resistant and methicillin sensitive Staphylococcus aureus from bovine milk in the state of Haryana, India. Explor Anim Med Res. 14(Superbug Spl.), DOI:10.52635/eamr/14(S2)74-80. (NAAS rating: 5.0) • Kaur, J., Lather, A., Cheema, P.S., Jangir, B.L., Manoj, J., Singh, M., Joshi, V.G. and Chhabra, R. (2025). Designing, Synthesis and In Vitro Antimicrobial Activity of Peptide Against Biofilm Forming Methicillin Resistant Staphylococcus aureus. Curr Microbiol. 27;82(4):159. doi: 10.1007/s00284-025-04132-1. (NAAS rating: 8.6) • Pannu, A., Dahiya, S., Lather, A., Kaur, A., Sangwan, P., Rani, N., Patil, C.S., Yadav, V., Kakker, N.K., Ranjan, R. and Mohapatra, J.K. (2025). Systematic follow-up investigation of NSP seroreactors and in-contact cattle and buffaloes for foot-and-mouth disease virus using probang sampling. BMC Vet Res. 4;21(1):247. doi: 10.1186/s12917-025-04682-3. PMID: 40186280; (NAAS rating: 8.6) • Dalal, P., Dahiya, S., Lather, A., Sheoran, D., Sangwan, P., Rani, N., Pannu, A., Kumar, P., Kumar, P., Subramaniam, S. and Singh, R. (2025). VP1 region-based molecular characterization of foot-and-mouth disease virus serotype O from clinical cases in Haryana, India. BMC Vet Res. 21(1):649. doi: 10.1186/s12917-025-05112-0. PMID: 41199288; PMCID: PMC12590671. (NAAS rating: 8.6) • Mehtani, R., Kumar, P., Minhas, S.K., Panghal, R., Lather, A., Kumar, R., Singh, P., Sheoran, D., Gupta, A.K., Chhabra, R. and Jindal N. (2025). Phylogenomic analysis of bovine astrovirus expands the known repertoire of mamastrovirus genotypes in northern India. Arch Virol. 170(9):194. doi: 10.1007/s00705-025-06385-4. PMID: 40817976. (NAAS rating: 8.5) • Kaur J, Lather A, Jangir BL, Joshi VG, Charaya G, Singh M, Chhabra R. (2026). In Vivo Assessment of Antimicrobial Potential of Synthetic ANLP-V3 Peptide for the Treatment of Mastitis in a Mouse Model. Curr Microbiol. 10;83(8):408. doi: 10.1007/s00284-026-04993-0. PMID: 42268315. (NAAS rating: 8.6).
IPRs granted	--------
Awards/ Fellowships/ Recognition received	• Regional Research Centre on FMD, LUVAS, Hisar, recognized as an “Outstanding Centre” and awarded Grade ‘A’ by ICAR-Directorate of Foot-and-Mouth Disease. • Letter of Appreciation by the Worthy Vice Chancellor, LUVAS for successfully implementing FMD Control Programme/ NADCP of Govt. of India. • Merit scholarship throughout B.V.Sc & A.H given by COVS, CCS HAU, Hisar • Merit scholarship throughout M.V.Sc given by COVS, CCS HAU, Hisar • INSPIRE fellowship for Ph.D given by DST, Ministry of Science and Technology, New Delhi
Membership of Professional Scientific Societies	• Life member of Indian Virological Society • Life member of Indian Immunology Society
Editorial board of Scientific Journal	--------

Reviewer of Scientific Journals	• Haryana Veterinarian
Any Other (if any)	• Class Incharge of 2nd yr BVSc & AH • Member of IAEC, LUVAS • Sports Co-ordinator, COVS