	Dr. Neelesh Sindhu
	**Assistant Professor (Veterinary Medicine)** **Department of Veterinary Clinical Complex,** **Lala Lajpat Rai University of Veterinary & Animal Sciences, Hisar-125004 (Haryana) India** **Ph: +91-1662-256102** **E-mail: drneeleshsindhu@luvas.edu.in**
Educational Qualifications	**2005 B.V.Sc & A.H., CCSHAU, Hisar, Haryana** **2007 M.V.Sc (Vety. Clinical Medicine), CCSHAU, Hisar, Haryana** **2010 Ph.D (Vety. Clinical Medicine), CCSHAU, Hisar, Haryana**
Employment Details	**Veterinary Surgeon (HVS): June, 2010 to December, 2013** **Assistant Professor, LUVAS: December, 2013 to till date**
Research Interests	**Veterinary Medicine, Veterinary Microbiology, Animal Biotechnology, Social Media and E-Governance**
Students Guided	**As Major Advisor: Ph.D:1; MVSc.: 4**
Research Projects	**1. Establishment of mobile Veterinary clinic equipped with most advanced diagnostic and therapeutic facilities (RKVY)** **2. Establishment of Blood bank for livestock and companion animals (RKVY-RAFTAAR)** **3. Development of vaccine against animal's haemo-protozoan parasites for mitigating biotic stress" (ICAR-NASF)** **4. Validation and training of Convolutional Neural Network (CNN) model for Diagnosis of *Theileria* infection in cattle of Haryana (Institutional)**
Publications	**Total Research Papers Published: 70** **Google Scholar index:** **Research Citations: 1114** **h-index: 16** **i-10index: 18** **Book Chapter: 3** **Practical/training Manuals: 8** **Popular Articles: 30** **Gene Sequences: 14** **Seminar/Conference attended: 16**

Best 10 Research Publications

1. **Sindhu, N., Sharma, A., Kumar, S. and Jain, V.K. (2007) Polymerase chain reaction for detection of *Staphylococcus aureus* in buffalo milk. *Italian Journal of Animal Sciences,* 6 (Suppl. 2): 862-864**
2. **Sharma, A. and Sindhu, N. (2007) Occurrence of clinical and subclinical mastitis in buffaloes in state of Haryana (India). *Italian Journal of Animal Sciences.* 6 (Suppl. 2): 965-967.**
3. **Sindhu, N., Sharma, A. and Jain, V.K. (2008) Phenotypic and genotypic characterization of *Staphylococcus aureus* isolated from mastitis cases of cows and buffaloes. *Journal of Immunology and Immunopathology*, 10(2): 119-123.**
4. **Sindhu, N., Sharma, A., Jain, V.K. and Nehra, V. (2008) Molecular detection of *Escherichia coli* from mastitic milk of crossbred cows. Full paper published in proceedings of 15th congress of the Federation of Asian Veterinary Association (FAVA) & OIE joint Symposium on emerging diseases held on 27-30 October, 2008 at Bangkok, Thailand. pp. O55-O56**
5. **Sharma, Anshu, Sindhu, Neelesh and Jain, V.K. (2009) 16S-23S rRNA intergenic spacer based molecular detection of *Staphylococcus aureus* directly from mastitic milk of crossbred cows. *Indian Journal of Animal Sciences,* 79 (4): 350-352.**
6. **Sindhu, Neelesh, Sharma, Anshu, Nehra, Vikas and Jain, V.K. (2009) Occurrence of subclinical mastitis in cows and buffaloes at organised farm. *Haryana Veterinarian*, 48: 85-87.**
7. **Sindhu, Neelesh, Sharma, Anshu and Jain, V.K. (2010) Molecular detection of *Staphylococcus aureus* mastitis in crossbred cows based on genus specific *gap* gene and species specific *aroA* gene PCR assay. *Indian Journal of Animal Sciences,* 80 (4): 275-278.**
8. **Sindhu, N., Sharma, A. and Jain, V.K. (2010) Diagnosis of staphylococcal mastitis directly from milk of *murrah* buffaloes and cross bred cows by 16S-23S ribosomal RNA intergenic spacer PCR analysis. *Israel Journal of Veterinary Medicine,* 65 (1): 23-26.**
9. **Sindhu, Neelesh, Sharma, Anshu and Jain, V.K. (2010) Coagulase gene based molecular detection of *Staphylococcus aureus* directly from mastitic milk samples of *murrah* buffalo *Buffalo Bulletin*,**

	29 (1): 62-69. **10. Sindhu, N., Sharma, A., Nehra, V. and Jain, V.K. (2010) PCR-based detection of genes encoding glyceraldehyde-3-phosphate dehydrogenase and 5-enolpyruvylshikimate-3-phosphate synthase in *Staphylococcus aureus* directly from mastitic milk of *murrah* buffaloes *Journal of Immunology and Immunopathology*, 12 (1): 59-63.**
IPR Granted	**1. Patent design registered for the design entitled Pets Blood Collection and Transfusion Apparatus in pursuance of and subject to the provisions of the Design Act, 2000 and the Design Rules, 2001 (Design No. 450524-001; Date of Issue: 07.05.2026). Authored by: Kumar, T., Punia, S., Gupta, S., Magotra, A., Kumar, A., Sindhu, N. and Agnihotri, D.** **2. Copyright registered for the work titled "Cattle welfare indicators module" with the provisions of the Copyright Act,1957 wide Application No.: 8138/2025-CO-L; Date of ROC: 10-03-2025. Authored by: Kumar, A., Sindhu, N, Kumar, T., Maharana, B.R., Sharma, M., Bhyan, P., Yadav, A., Magotra, A, Gupta, S. and Punia, S.** **3. Copyright registered for the work titled "THEILERIA CDSS CLINICAL DECISION SUPPORT SYSTEM" with the provisions of the Copyright Act,1957 wide Application No.: SW-20885/2026-CO; Date of ROC: 11/06/2026. Authored by: Mor, R., Kumar, A., Kumar, T., Sindhu, N., Sharma, M., Vohra, S., Maharana, B. R. and Mangotra, A.**
Awards/Fellowship/Recognition	**1. Associate Fellow, VIPM (Veterinary Internal and Preventive medicine)** **2. Associate Fellow, IAVD (Association for Veterinary Dermatology, India)** **3. Associate Fellow, AOM (Association of Mastitis)** **4. Appreciation Awards (Two) from Vice Chancellor, LUVAS** **5. Appreciation Awards from Indian Society for Veterinary Medicine (ISVM), Veterinary Internal and Preventive Medicine (VIPM), Association for Veterinary Dermatology, India (IAVD), Association of Mastitis (AOM)**
Membership of scientific societies	**1. Life Member, Indian Society of Veterinary Medicine (ISVM)** **2. Life Member, Veterinary Internal and Preventive Medicine (VIPM)** **3. Life Member, Association of Veterinary**

	Dermatology, India (IAVD) 4. Life Member, Indian Society of Veterinary Surgery (ISVS) 5. Life Member, Indian Society for the Advancement of Canine Practice (ISACP) 6. Life Member, Society for Immunology and Immunopathology (SIIP) 7. Life Member, Indian Red Cross Society (IRCS) 8. Life Member, Association of Microbiologists of India (AMI) 9. Life Member, Indian Association for the Advancement of Veterinary Research (IAAVR) 10. Life Member, Indian Association of Veterinary Public Health specialists (IAVPHS) 11. Life Member, Indian Society for Buffalo Development (ISBD) 12. Life Member, Society of Animal Physiologists of India (SAPI) 13. Life Member, The Indian Society for study of Animal Reproduction (ISSAR) 14. Life Member, Indian Association of Veterinary Microbiologists, Immunologists and specialists in infectious diseases (IAVMI) 15. Life Member, Indian Society for Veterinary Immunology and Biotechnology (ISVIB) 16. Life Member, Indian Society of Veterinary Pharmacology and Toxicology (ISVPT) 17. Life Member, Indian Immunology Society (IIS) 18. Life Member, Indian Public Health Association (IPHA) 19. Life Member, Association of Animal Scientists (AAS) 20. Founder Life Member Association of Mastitis (AOM) 21. Life Associate Member, Blue Cross Society of India, Chennai (BCSI) 22. Life Member, Blue Cross Society, Hisar (BCSH)
Any Other	Public Relations Officer of LUVAS, Hisar Social Media Champion of LUVAS, Hisar Media Secretary, VIPM Media Officer, IAVD Joint Secretary, ISBD Treasurer, AOM