Dr. Harpreet Singh

Designation	**Senior Scientist**
	Haryana Pashu Vigyan Kendra Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS), Hisar -125004 (Haryana) India Mobile: E-mail: hsinghvet@luvas.edu.in, vethsingh@gmail.com
Educational Qualifications	• 2017: Ph.D. Veterinary Gynaecology & Obstetrics, GADVASU, Ludhiana. • 2004: M.V.Sc., Animal Reproduction, COVS, CCS HAU, Hisar. • 2001: B.V.Sc. & A.H., CVAS.
Employment Details	• Senior Scientist (VGO), LUVAS: 22.02.2023- Presently continued. • Scientist (VGO), CCSHAU/LUVAS, Hisar: 06.08.2009-21.02.2023. • Veterinary Officer, Govt of Punjab: Nov. 2006 to August 2009.
Research Interests	• Reproductive Immunology • Female Infertility • Animal Behaviour • IVF
Students Guided	• As Major Advisor: 04 M.V.Sc. and 1 Ph.D. students • As Member Advisory Committee: 01 student
Research Projects Handled/Undergoing	• Establishment of Veterinary Unit at Regional Research Station, CCSHAU/ LUVAS, Karnal. • Strengthening and upgradation of diagnostic tools for management of different disease conditions in domestic animals (RKVY scheme, Govt. of India). • LUVAS funded Institutional Project "melatonin therapy to ameliorate ischemia-reperfusion induced damage in uterine torsion affected buffaloes" • LUVAS funded Institutional Project "Investigation of alternation in cardiac biomarkers and acute phase protein profile in cattle infected naturally with tropical theileriosis as indicators of animal welfare". • Principal Investigator: Validation of cytobrush based endometrial cytology as a diagnostic tool for subclinical endometritis in postpartum and estrual in buffaloes.
Publications	**Total Research Papers Published:** 63 **>8.0 NAAS rating:** 05 **6-8 NAAS rating:** 16 **Google Scholar index** **Research Citations**: 296 **h-index**: 9 **i-10 index**: 9
	Books Published: **Book Chapters:** 4 **Practical/Trainin g Manuals:** 02
	Popular Articles: 23 **Gene Sequences Submitted:** **Seminar/ Conference Attended:** 14
	Research publications in APA format (Best 10 only) • Singh, H., Brar, P., Honparkhe, M., Singh, N., Jan, M.H., Maharana, B.R. and Dadarwal, D. 2023. Local and systemic inflammatory response to the intrauterine infusion of enzymes during estrus in water buffaloes with subclinical endometritis. Research in Veterinary Science.162:104951. • Singh, Harpreet*, Parkash Singh Brar, Narinder Singh, Mustafa Hassan Jan, Mrigank Honparkhe, and Shahbaz Singh Dhindsa. 2020. Effects of intra-uterine infusion of proteolytic enzymes on selected cytokine concentrations, uterine inflammation, and fertility in postpartum water buffalo cows with subclinical endometritis. Animal Reproduction Science. 106335. • Singh Harpreet*, Brar, PS, Honparkhe, M, Arora, AK and Dhindsa, SS. 2020. Subclinical endometritis in estrual buffaloes: diagnosis, prevalence and impact on reproductive performance. Tropical Animal Health and Production. 52(1), 357-363. • Singh Harpreet*, Luthra R.A., Khar S.K. and Nanda T. 2006. Oestrus induction, fertility response and plasma Steroid Hormone Profiles after CIDR and eCG treatment in acyclic Sahiwal Cows. Asian-Australasian Journal of Animal Sciences. 19 (11): 1566-1573.

	• Harpreet Singh*, Parkash Singh Brar, A K Arora, S S Dhindsa and M Honparkhe. 2018. Bacterial presence and fertility in subclinical endometritic buffaloes at oestrus. Indian Journal of Animal Sciences 88 (4): 415–419. • Hariom, Harpreet Singh, Ravi Dutta and L.C. Ranga. 2021. Estrus induction and fertility responses in ewes treated with short, medium or long-term GnRH-PGF2α-GnRH protocols supplemented with intravaginal progesterone therapy. Indian Journal of Animal Sciences. 91: 1059-1063. • Harmeet Singh Sandhu, SS Dhindsa, Harpreet Singh, Mrigank Honparkhe, Prahlad Singh. 2021. Presynch-Heatsynch: A new approach to improve ovarian and fertility responses in water buffalo (Bubalus bubalis). Indian Journal of Animal Research. DOI: 10.18805/IJAR.B-4333. • Ankit Kumar, Sandeep Potliya, Vipul Thakur, Harpreet Singh*, Swati Ruhil, Yogesh Bangar and R S Bisla. 2020. Disorders of forestomach in cattle and buffaloes of Haryana. Indian Journal of Animal Sciences. 90 (9): 1229–1233. • Sumit Singhal, Shiv Prasad, Harpreet Singh*, Manish Shukla and J.K. Prasad. 2021. Effects of pre-treatment with GnRH on the efficiency of superstimulatory protocol in water buffalo (Bubalus bubalis). Iranian J. of Applied Animal Science. 11 (2): 305-310. • Aman Nangru, Biswa Ranjan Maharana, Sukhdeep Vohra, Binod Kumar, Anita Ganguly, Subhasish Sahu, Harpreet Singh, Swati Ruhil & Vikas Khichar. 2023. Identification, molecular characterization and risk factors of Theileria infection among sheep: a first comprehensive report from North India. Animal Biotechnology. DOI: 10.1080/10495398.2023.2189928. • Brar P.S., Nanda A.S., Honparkhe M., and Singh H. 2013. Enhancing off-season fertility in dairy buffaloes through monensin supplementation. Indian Journal of Animal Sciences. 83: 364-366.
Awards/ Fellowships/ Recognition received	(In brief) • Associate Fellowship of National Academy of Dairy Science (NADS), India. Nov. 2022. • Membership award by National Academy of Veterinary Sciences (NAVS), India. June 2022. • Appreciation certificate, National Dairy Research Institute (NDRI), Karnal 2021. • Certificate of Merit for outstanding performance in ICAR Sponsored training at the Animal Science Division, ICAR-CIARI, Sri Vijaya Puram, A&N Islands, 2025. • Best Veterinary Scientist Award' in International conference on at Guru Kashi University, Talwandi Sabo, Punjab, India, 2024. • International Travel Grant Award, Indian National Science Academy (INSA), New Delhi 2021. • Best poster presentation award, The 5th Annual Convention & National Symposium of Society of Veterinary Biochemists and Biotechnologists of India, online, 2021. • Appreciation certificate from the worthy Vice-chancellor, LUVAS, Hisar, 2020. • International Travel grant award, DST, Haryana, India, 2019. • Appreciation certificate, National Dairy Research Institute (NDRI), Karnal, 2010. • Ist rank holder in Ph.D. (Vety Gynaecology & Obstetrics), GADVASU, Ludhiana, 2017. • Appreciation certificate from the Indian Society for Veterinary Surgery, 2015. • Excellence in Research Award by Agro Environmental Developmental Society (AEDS), 2019. • Best oral presentation award, XXXth Annual Convention &National Symposium of Indian 2014. • Member of Hong Kong Chemical, Biological & Environmental Engineering Society, HKG • Certificate of Recognition, All- India article writing competition (Veterinary & Animal Husbandry section) by e-Pashupalan, Feb. 2021.
Membership of Professional Scientific Societies	• European Federation of Animal Production. • Animal Behaviour Society, USA. • Indian Science Congress Association. • Indian Association for the Advancement of Veterinary Research. • Indian Buiatricians Association. • Indian Society for Study of Animal Reproduction. • Indian Society for the Advancement of Canine Practice, India. • Veterinary Council of India.

Reviewer of Scientific Journals	• Animal Reproduction Science • Journal of Dairy Research • Egyptian Journal of Basic and Applied Sciences • Asia Pacific Journal of Reproduction • The Indian Journal of Animal Sciences • The Haryana Veterinarian • Indian Journal of Animal Reproduction.
Any Other (if any)	• Regional Director (Alternate), HPVK, LUVAS, Karnal. • Executive Member, LUVAS Teachers' Association (LUVASTA).