Dr Yogesh Bangar

Designation	**Scientist**
	Department of Animal Genetics and Breeding Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS), Hisar -125004 (Haryana) India Phone: 01662-256119(O) Mobile: +918208731246 E-mail: yogeshbangar07@luvas.edu.in
Educational Qualifications	• 2014: Ph.D., Biostatistics, IVRI, Izzatnagar • 2011: M.V.Sc., Biostatistics, IVRI, Izzatnagar • 2009: B.V.Sc. & A.H., Bombay Veterinary College, Mumbai
Employment Details	• Scientist, Department of Animal Genetics and Breeding, Lala Lajpat Rai University of Veterinary and Animal Sciences (LUVAS), Hisar -125004 (Haryana) India • 07.03.2017 -continuing
Research Interests	• Animal Breeding and Quantitative Genetics • Machine Learning in Livestock Research • Bayesian Statistics and Statistical Modelling • Veterinary Biostatistics and Meta-analysis
Students Guided	• As Major Advisor: 03 M.V.Sc. • As Member Advisory Committee: 35 students
Research Projects Handled/Undergoing	• Institutional Project - Meta-analysis of gene polymorphisms associated with economic traits in dairy cows (PI) • Institutional Project - Genetic Profiling of BRCA1 gene and its association with udder health and production parameters in dairy cattle (Co-PI) • Institutional Project - Consumption and nutritional contribution of milk and milk products of India (Co-PI) • ICAR-AICRP Project - AICRP on goat improvement - Jakhrana Field Unit (PI) • ICAR-AICRP Project - ICAR-Sahiwal Data Recording Unit (Co-PI) • HSCSIT Project - Genome scanning for identification of economically important traits related markers in goat: a step towards improving economy of goat farmers in Haryana (Co-PI) • RKVY Project - Productivity enhancement of Scheduled Caste goat farmers through awareness programs and latest molecular techniques (Co-PI) • ICSSR Project - A Study on Choice of Availing Veterinary Services in India (Co-PI) • State Scheme - Genetic Improvement in Poultry and Different Species of Livestock (Co-PI) • State Scheme - Conservation and Genetic Improvement of Indigenous Livestock Breeds (Co-PI) • State Scheme - Genetic Improvement of Jakhrana Goat for Prolificacy and Mutton Production (Co-PI) • State Scheme - Establishment of an Elite Herd of Sahiwal Cattle for Conservation, Genetic Improvement and Dissemination (Co-PI) • State Scheme - Genetic Improvement in Poultry and Different Species of Livestock (Co-PI) • State Scheme - Conservation and Genetic Improvement of Indigenous Livestock Breeds (Co-PI)

<table>
<tr><td rowspan="2"></td><td>Total Research Papers
Published: 111
>8.0 NAAS rating: 13
6-8 NAAS rating: 69
Google Scholar index
Research Citations: 1345
h-index: 20
i-10index: 48</td><td>Book Chapters: 03
Practical/Training Manuals: 03</td><td>Seminar/ Conference/training Attended: 05</td></tr>
<tr><td colspan="3">Research publications in APA format (Best 10 only)
Bangar YC, Magotra A, Malik BS, Malik ZS and Yadav AS. (2021). Evaluating advanced computing techniques for predicting breeding values in Harnali sheep. Tropical Animal Health and Production, 53(2), 313 (NAAS Rating: 7.70)
Bangar YC and Magotra A. (2021). Meta-analysis of SNP in growth hormone gene associated with milk traits in dairy cows. Tropical Animal Health and Production, 53, 222 (NAAS Rating: 7.70)
Bangar YC, Magotra A, Gaur P, Malik ZS and Yadav AS. (2022). Investigation of cause-specific pre-weaning mortality in Harnali sheep. Tropical Animal Health and Production, 54(5), 256 (NAAS Rating: 7.70)
Bangar YC, Magotra A and Yadav AS. (2022). Estimation of inbreeding and its effects on growth traits in Beetal goat. Tropical Animal Health and Production, 54, 279 (NAAS Rating: 7.70)
Bangar YC, Magotra A and Yadav AS. (2020). Estimates of covariance components and genetic parameters for growth, average daily gain and Kleiber ratio in Harnali sheep. Tropical Animal Health and Production, 52(5), 2291–2296 (NAAS Rating: 7.70)
Gaur, P., Malik, Z.S., Bangar, Y.C., Magotra, A., Chauhan, A. and Yadav, D.K. (2021). Influence of maternal and additive genetic effects on lamb survival in Harnali sheep. J. Anim. Breed. Genet.139(2):204-214 (NAAS Rating: 7.90)
Nehra, R., Bangar, Y. C., Patil, C. S., Dhundwal, K., & Sevda, P. (2025). Predicting performance traits in Murrah buffaloes using machine learning: a comparative approach. Tropical animal health and production, 58(1), 25. (NAAS Rating: 7.70)
Kumar, S., Magotra, A., Kumar, N., & Bangar, Y. C. (2025). Expression and SNP profiling of HSP70 gene associated with thermotolerance traits in Munjal sheep. Journal of Thermal Biology, 130, 104151. (NAAS Rating: 8.90)
Dash SS, Bangar YC, Magotra A, Patil CS, Sharma R, Chauhan A and Dahiya SP. (2025). Bayesian estimates of genetic parameters for growth traits in Harnali sheep. Journal of Animal Breeding and Genetics, 142(2): 145–154 (NAAS Rating: 7.90)
Borthakur, U., Ram Verma, M., Singh, Y. P., Kumar, S., Kumar, D., Bangar, Y. C., Sharun, K., and Dhama, K. (2023). Prevalence of babesiosis in bovines of India: a meta-analytical approach for 30 years (1990-2019). The Veterinary Quarterly, 43(1), 1–9 (NAAS Rating: 7.90)</td></tr>
<tr><td>Publications</td></tr>
<tr><td>IPRs granted</td><td colspan="3">Copyright granted: Copyright registration (L-155554/2024 Dated 22.10.2024) granted to
Sheep and Goat Kit for Welfare and Profitability: A comprehensive chart
Dr. Ankit Magotra, Dr. Devender Singh, Dr Yogesh Bangar and Dr. Sandeep Kumar</td></tr>
<tr><td>Awards/ Fellowships/ Recognition received</td><td colspan="3">Appreciation from Vice-Chancellor, LUVAS, Hisar for contribution done during COVID-19 pandemic.</td></tr>
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Membership of Professional Scientific Societies	• Member of Indian Society for Sheep and Goat Production and Utilization (ISSGPU) • Member of Veterinary Council of India, New Delhi • Member of Haryana State Veterinary Council, Panchkula, Haryana
Editorial board of Scientific Journal	• Guest Associate Editor - Frontier in Animal Science
Reviewer of Scientific Journals	• Research in Veterinary Science • Computer and Electronics in Agriculture • Tropical Animal Health and Production • Small Ruminant Research • New Zealand Journal of Agricultural Research • Frontier in Animal Genetics • Haryana Veterinarian
Any Other (if any)	• Member of COE for examination duties • Member for NIRF Ranking • Incharge Goat section, AGB Database and EGOV module for cattle data