

Sr.No	List of publications
1	Bhawana Rani, Kashyap Yadav, BS Yashavanth, Aniket Sanyal, HV Murugkar and PN Gandhale (2023). Evaluation of general health status and deworming as determinants in the CCHFV seroprevalence in animals in Madhya Pradesh. Ruminant Science
2	Dias C, Ayyanar M, Amalraj S, Khanal P, Subramaniyan V, Das S, Gandhale P , Biswa V, Ali R, Gurav N, Nadaf S, Rarokar N, Gurav S. (2022). Biogenic synthesis of zinc oxide nanoparticles using mushroom fungus <i>Cordyceps militaris</i> : Characterization and mechanistic insights of therapeutic investigation. J Drug Deli. Sci. Tech., 73:103444.
3	Milton AAP, Momin AG, Gandhale PN , Das S, Ghatak S, Priya GB, Firake DM, Srinivas K, Momin KM, Hussain Z, Sen A (2022). Prevalence, toxinotyping, antimicrobial susceptibility and biofilm-forming ability of <i>Clostridium perfringens</i> isolated from free-living rodents and shrews. Anaerobe;77:102618.
4	Dave KM, Raval SK, Nayak JB, Kanani AN, Shah N, Dash PK, Shrivastava N, Yashavanth BS and Gandhale PN (2022). Influence of Herd structure on the prevalence of Crimean Congo Hemorrhagic Fever virus antibodies among Bovines in Gujarat. Ruminant Science, 11(1):1
5	Milton AAP, Momin KM, Priya GB, Ghatak S, Das S, Gandhale PN , Angappan M, Sen A (2021). Development of novel visual detection methodology for <i>Salmonella</i> in meat using saltatory rolling circle amplification. J Appl Microbiol.,131(5):2361-2371.
6	Milton AAP, Momin KM, Priya GB, Ghatak S, Gandhale PN , Angappan M, Das S, Sen A. A (2021). A novel in situ methodology for visual detection of <i>Clostridium perfringens</i> in pork harnessing saltatory rolling circle amplification. Anaerobe.,69:102324.
7	Kumar A, P Vijaykumar, Raut AA, Ranaware P, Gandhale P , Kulkarni DD, Mishra A (2017) Genome-wide gene expression pattern underlying differential host response to highly and low pathogenic H5N1 avian influenza virus in ducks. Acta Virologica 61(1).
8	Mohammed Fawaz, Periyasamy Vijayakumar, Anamika Mishra, Pradeep N. Gandhale , Rupam Dutta, Nitin M. Kamble, Shashi B. Sudhakar, Parimal Roychoudhary, Himanshu Kumar, Diwakar D. Kulkarni and Ashwin Ashok Raut (2016). Duck gut viral metagenome analysis captures snapshot of viral diversity. <i>Gut Pathog</i> ; 8:30.
9	Ranaware PB, Mishra A, Vijayakumar P, Gandhale PN , Kumar H, Kulkarni DD, Raut AA (2016). Genome Wide Host Gene Expression Analysis in Chicken Lungs Infected with Avian Influenza Viruses. PLoS One.;11(4).
10	P VijayaKumar, Raut AA, Kumar A, Chingtham S, Dutta R, Singh H, Jatawa SK, Gandhale PN , Sudhakar SB, Singh VP and Mishra A (2016) Reverse Engineering of Genome-wide Gene Regulatory Networks of Avian Influenza Infection in Chicken Lungs. Vet.Res.Intl. 4:3;99-105.
11	Ranaware PB, Kulkarni DD, Mishra A, Pateriya A, Gandhale PN , Kumar VP, Tosh C, Murugkar HV, Raut AA (2013) Genetic diversification of highly pathogenic avian influenza (HPAI) H5N1 virus in experimentally infected domestic ducks. Veterinary Research International, 1(2): 33
12	Ranaware PB, Kulkarni DD, Mishra A, Pateriya A, Gandhale PN , Singh B, Kumar VP, Tosh C,

	Murugkar HV, Raut AA. (2013) Detection of Highly Pathogenic Avian Influenza H5N1 Viral Load by Real-Time RT-PCR in Tissues of Experimentally Infected Chickens. Journal Veterinary Public Health, 11 (2):91-97.
13	Samir Das, S V S Malik, Sameer Shrivastava, Pradeep Gandhale , Satish Kumar, Shabu Shoukat, Durga P Das, S B Barbuddhe and D. B and Rawool. A.J (2013). Comparative efficacy of Internalin C-based peptide and listeriolysin O-based enzyme linked immunosorbent assays for serodiagnosis of listeric infection in goats. Microbiol.Res;7(48),5471-5478.
14	Venkatesan G, Balamurugan V, Prabhu M, Yogisharadhya R, Bora DP, Gandhale PN, Sankar MS, Kulkarni AM, Singh RK and Bhanuprakash V (2010).Emerging and re-emerging zoonotic buffalopox infection: a severe outbreak in Kolhapur (Maharashtra), India..Vet Ital.;46(4):439-48.
15	Bhanuprakash V, Hosamani M, Balamurugan V, Gandhale PN, Venkatesan G, Singh RK (2011). Production and characterization of Monoclonal antibodies to bluetongue virus. Virol Sin.;26(1):8-18.
16	Gandhale PN, Bhanuprakash V, Balamurugan V, Hosamani M, Venkatesan G, Singh RK (2010). Detection of bluetongue virus group-specific antigen using monoclonal antibody based sandwich ELISA. Virol Sin.; 25(6):390-400.
17	Bhanuprakash V, Hosamani M, Balamurugan V, Gandhale P, Naresh R, Swarup D, Singh RK (2008). In vitro antiviral activity of plant extracts on goatpox virus replication. Indian J Exp Biol; 46(2):120-7.

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