



Dr. N. V. Kurkure

Director of Research
Maharashtra Animal & Fishery Sciences University
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EDUCATION

Nagpur Veterinary College, Nagpur, Maharashtra
B. V. Sc. & A. H. (1984 – 1989)

Post Graduate Institute, Akola, Maharashtra
M. V. Sc. Veterinary Pathology (1989 – 1991)

Nagpur Veterinary College, Nagpur, Maharashtra
Ph. D. Veterinary Pathology (1999-2003)

WORK EXPERIENCE

Ashok Kumar hatcheries Pvt. Ltd. Nashik
Veterinary Officer (1991-92)

Department of Animal Husbandry, Government of Maharashtra. Pune
Livestock Development officer (1992 –1996)

Nagpur Veterinary College, MAFSU, Nagpur
Assistant Professor, Veterinary Pathology (1996 –2005)
Associate Professor, Veterinary Pathology (2005 –2011)
Professor, Veterinary Pathology (2011- till date)

Maharashtra Animal & Fishery Sciences University, Nagpur
Director of Research (2019- till date)

SCIENTIFIC PUBLICATIONS

1. Vergis J, Malik SS, Pathak R, Kumar M, Ramanjaneya S, **Kurkure NV**, Barbuddhe SB, Rawool DB. 2019. Antimicrobial Efficacy of Indolicidin Against Multi-Drug Resistant Enteroaggregative Escherichia coli in a Galleria mellonella Model. Front Microbiol. 2019 Nov 29;10:2723. doi: 10.3389/fmicb.2019.02723. eCollection 2019.
2. Kolte S. W., Larcombe S. D., Jadhao S. G., Magar S. P., Warthi G.,

PROFILE

As a passionate teacher joined academic institution and nurturing hobby of undertaking research in various aspects of molecular characterization of pathogens, molecular pathogenesis and development of diagnostics. Presently focused on tackling antimicrobial resistance in bacteria of chicken origin with exploring phylogenetic material and nanotechnology.

CONTACT

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Kurkure N.V., Glass E.J., Shiels B.R (2017) PCR diagnosis of tick-borne pathogens in Maharashtra state, India indicates fitness cost associated with carrier infections is greater for crossbreed than native cattle breeds. *PLoS ONE* 12(3):0174595 [.https://doi.org/10.1371/journal.pone.0174595](https://doi.org/10.1371/journal.pone.0174595)

3. Larcombe S.D., Kolte S. W., Ponnurai G., **Kurkure N.V.**, Magar S., Velusamy R., Rani N., Rubinibala B., Rekha B., Alagesan A., Weir W., Shiels B.(2019) The impact of tick-borne pathogen infection in Indian bovines is determined by host type but not the genotype of *Theileria annulata*. *Infection, Genetics and Evolution* 75 : 103972 <https://doi.org/10.1016/j.meegid.2019.103972>
4. Akhunji B, Bhate R, Pansare N, Chaudhari SP, Khan W, **Kurkure NV**, Kolte SW, Barbuddhe SB. 2019. Distribution of *Orientia tsutsugamushi* in rodents and mites collected from Central India. *Environ Monit Assess.* 18;191(2):82.
5. Bhate Ruchi , Pansare Nilesh , Chaudhari Sandeep P. , Barbuddhe Sukhadeo B. , Choudhary Vijay K. , **Kurkure Nitin V.** , and Kolte Sunil W. 2017. Prevalence and Phylogenetic Analysis of *Orientia tsutsugamushi* in Rodents and Mites from Central India. *Vector-Borne and Zoonotic Diseases* 17 (11), 749-754.
6. Barbuddhe SB, Doijad SP, Goesmann A, Hilker R, Poharkar KV, Rawool DB, Kurkure NV, Kalorey DR, Malik SS, Shakuntala I, Chaudhari S, Waskar V, D'Costa D, Kolhe R, Arora R, Roy A, Raorane A, Kale S, Pathak A, Negi M, Kaur S, Waghmare R, Warke S, Shoukat S, Harish B, Poojary A, Madhavaprasad C, Nagappa K, Das S, Zende R, Garg S, Bhosle S, Radriguez S, Paturkar A, Fritzenwanker M, Ghosh H, Hain T, Chakraborty T. 2016. Presence of a widely disseminated *Listeria monocytogenes* serotype 4b clone in India. *Emerg Microbes Infect.* 2016 Jun 8;5:e55. doi: 10.1038/emi.2016.55
7. Nair A, Rawool DB, Doijad S, Poharkar K, Mohan V, Barbuddhe SB, Kolhe R, Kurkure NV, Kumar A, Malik SV, Balasaravanan T. 2015 Biofilm formation and genetic diversity of *Salmonella* isolates recovered from clinical, food, poultry and environmental sources. *Infect Genet Evol.* 2015 Dec;36:424-33. doi: 10.1016/j.meegid.2015.08.012.
8. Doijad SP, Barbuddhe SB, Garg S, Poharkar KV, Kalorey DR, **Kurkure NV**, Rawool DB, Chakraborty T. 2015. Biofilm-Forming Abilities of *Listeria monocytogenes* Serotypes Isolated from Different Sources. *PLoS One.* Sep 11;10(9):e0137046. doi: 10.1371/journal.pone.0137046. eCollection 2015
9. Franzoni G, Kurkure NV, Edgar DS, Everett HE, Gerner W, Bodman-Smith KB, Crooke HR, Graham SP. 2013. Assessment of the Phenotype and Functionality of Porcine CD8 T Cell Responses following Vaccination with Live Attenuated Classical Swine Fever Virus and Virulent Virus Challenge. *Clin Vaccine Immunol.* 2013 Oct;20(10):1604-16 PMID: 23966552

10. Bitsaktsis C, Rawool DB, Li Y, Kurkure NV, Iglesias B, Gosselin EJ.2009. Differential requirements for protection against mucosal challenge with Francisella tularensis in the presence versus absence of cholera toxin B and inactivated *F. Tularensis*. J Immunol. 182(8):4899-909