

Dr. M. Suman Kumar

Scientist

Division: Animal Nutrition & Products Technology

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1. Qualifications:

Degree	CGPA/%	University/Board/Institute	Year
Ph.D. (Vet. Public Health)	8.55/10	ICAR-IVRI, Izatnagar	2016
M.V.Sc. (Vet. Public Health)	8.32/10	ICAR-IVRI, Izatnagar	2011
B.V.Sc. & A. H.	8.17/10	KVA & FSU, Bidar	2009

2. Current Research Area: Food microbiology and products technology

3. Major research accomplishments: None

4. Awards:

- Best Scientist Trainee Award – 106th FOCARS at ICAR-NAARM, Hyderabad
- Dr V. N. Bachhil Young Scientist award for Ph.D. thesis work
- DBT Travel Grant award to attend International Conference
- UGC-Junior Research Fellowship during Ph.D. degree
- IVRI Institutional Fellowship during M.V.Sc. degree
- Merit Scholarship during B.V.Sc & A.H.
- Best review article award and
- Best poster awards: 05

5. Trainings:

- a. CAFT training on ‘Agricultural web application development using content management tools’ at ICAR-IASRI, New Delhi
- b. Short course on ‘Advances in Livestock Disease Informatics and biostatistics’ at ICAR-NIVEDI, Bengaluru
- c. Training-cum-workshop on ‘Basic Veterinary Epidemiology and Economics of animal diseases’ at ICAR-NIVEDI, Bengaluru
- d. Training on ‘Computer and I.T.’ at Sardar Patel Institute of Public Administration, Gandhinagar Gujarat

6. Patent, Technology, Methodology, Genetic, stock, etc: None

7. Publications: Full length papers published in refereed scientific journals: 15

1. **M. Suman Kumar**, Ashok Kumar, A. Rizal, K.N. Bhilegaonkar, R.S. Rathore, Lokesh K.M and R.K. Agarwal. 2012. Molecular Characterization of *Campylobacter jejuni* Isolates of Poultry Origin. *Journal of Veterinary Public Health*. 10(2): 65-71.
2. **M. Suman Kumar**, Ramees T.P., H. Dhanze, Anjay, S. Gupta, Z.B. Dubal, M. Sivakumar and A. Kumar. 2016. Occurrence of Thermophilic Campylobacters in Foods of Animal Origin, Animal Faeces and Human Stool. *Journal of Veterinary Public Health*. 13(2): 105-109.

3. **M. Suman Kumar**, S. Rajagunalan, H. V. Mohan, P. S. Bagalkote, H. Dhanze, D. Kumar and A. Kumar. Antimicrobial Susceptibility of Thermophilic *Campylobacter* Isolates from Diverse Origin. *Journal of Veterinary Public Health* 14(1): 41-46.
4. **M. Suman Kumar**, S.H. Sindhi, H. Dhanze, B.S. Mathapati, V.K. Singh and S. Chand. Quality assessment of raw milk and associated environment in primary milk production units. *Journal of Veterinary Public Health*
5. **M. Suman Kumar**, S. H. Sindhi, H. Dhanze and B. S. Mathapati. 2015. Sero-prevalence of Brucellosis among Veterinarians and Livestock in Junagadh Region of Gujarat State. *Journal of Foodborne and Zoonotic Diseases*. 3(2):23-26.
6. Malik H., S. Rajagunalan, **M. Suman Kumar**, J. L. Kataria, Anjay , S. Sachan , A.K. Upadhyay, and A. Kumar. 2017. Assessment of antibiotics effect on planktonic and biofilm forms of *Campylobacter* isolates. *Is J Vet Med*. 72(4): 3-13.
7. Pallavi, Ashok Kumar, **M. Suman Kumar** and P. S. Bagalakote. 2015. Comparative analysis of cultural isolation and PCR based assay for detection of *C. jejuni* and *C. coli* in foods of animal origin. *Journal of Animal Research*. 5(1): 21-25.
8. Pallavi, Ashok Kumar and **M. Suman Kumar**. 2015. Comparative Analysis of Cultural and PCR Based Assays for Detection of *Campylobacter* spp. in Human Stool Samples. *Proceedings of the National Academy of Sciences, India, Sect. B Biol. Sci.* 85(3):839–844.
9. T.P. Ramees, **M. Suman Kumar**, Z.B. Dubal, Anjay, M. Sivakumar, S. Gupta, K. Dhama, M. Javaid, A.A.P. Milton, R.S. Rathore and A. Kumar. 2016. Genotyping of *Campylobacter jejuni* and *C. coli* from Different Poultry Sources and Human by ERIC-PCR. *Journal of Veterinary Public Health*. 13(2): 93-98.
10. P.S. Bagalakote, R.S. Rathore, T.P. Ramees, H.V. Mohan, **M. Suman Kumar**, R.K. Agarwal, A. Kumar and K. Dhama. 2014. Molecular Characterization of *Arcobacter* Isolates Using Randomly Amplified Polymorphic DNA-Polymerase Chain Reaction (RAPD-PCR). *Asian Journal of Animal and Veterinary Advances*. 9 (9): 543-555.
11. H. Dhanze, K. N. Bhilegaonkar, G. V. P. P. S. Ravi Kumar, P. Thomas, H. B. Chethan Kumar, **M. Suman Kumar**, S. Rawat, P. Kerketta, D. B. Rawool and A. Kumar. 2015. Comparative evaluation of nucleic acid-based assays for detection of Japanese encephalitis virus in swine blood samples. 2015. *Archives of Virology*. 160(5): 1259-1266.
12. P.S. Bagalakote, R.S. Rathore, T.P. Ramees., H.V. Mohan, **M. Suman Kumar**, P. Upadhyaya, K.N. Bhilegaonkar and A. Kumar. Study on Prevalence of *Arcobacter* spp. in Human and Foods of Animal Origin. 2013. *Journal of Veterinary Public Health*. 11(2): 105-109.
13. P. Kerketta, R.K. Agarwal, M. Rawat, L. Jain, P. Pavan Kumar, H. Dhanze, **M. Suman Kumar** and A. Kumar. 2014. Isolation and Characterization of Lytic Bacteriophage (ϕ STIz1) against *Salmonella enterica* serovars Typhimurium. *Journal of Pure and Applied Microbiology*. 8(6): 4719-4726.
14. Anjay, A. Kumar, R.K. Agarwal, T.P. Ramees, Z.B. Dubal, P. Kaushik, **M. Suman Kumar**, N.C. Dudhe, A.A.P. Milton, Abhishek, B. Kumar and Shagufta Bi. 2015. Molecular typing of *Salmonella* Typhimurium and *S. Enteritidis* serovars from diverse origin by ERIC-PCR. *Journal of Pure and Applied Microbiology*. 9(3): 2627-2634.

15. Dhanze H., Bhilegaonkar K. N., Lokesh K. M., Rawat S., **Suman Kumar M.**, Chethan H. B. and Kumar A. 2014. Molecular Characterization of Bovine Rotavirus Isolates from Bareilly, India. *Journal of Microbiology, Immunology & Biotechnology* 1: 25-30.