

1. **Manjunathachar HV**, Saravanan B C, Binod Kumar, Tamilmahan P, Sharma A K, Shinde S, Nandi A, Nagar G, Chigure G, Mohmad A, Fular A, Kumar S and Ghosh S. 2017. Expression and determination of immunization dose of recombinant tropomyosin protein of *Hyalomma anatolicum* for the development of anti-tick vaccine. Indian Journal of Animal Sciences 87 (3): 275–279. (NAAS rating- 6.17, IF-0.18)
2. Binodkumar, **Manjunathachar HV**, Nagar G, Ravikumar G, José de la Fuente, Saravanan BC and Ghosh S. 2017. Functional characterization of candidate antigens of *Hyalomma anatolicum* and evaluation of its cross-protective efficacy against *Rhipicephalus microplus*. Vaccine, 2017. <https://doi.org/10.1016/j.vaccine.2017.08.049>. (NAAS rating- 9.41, IF-3.23)
3. Ghosh, S., Gupta, S., Kumar, K.A., Sharma, A.K., Kumar, S., Nagar, G., Kumar, R., Paul, S., Fular, A., Chigure, G. Nandi, A and **H V Manjunathachar**. 2017. Characterization and establishment of a reference deltamethrin and cypermethrin resistant tick line (IVRI-IV) of *Rhipicephalus (Boophilus) microplus*. Pesticide Biochemistry and Physiology. DOI: 10.1016/j.pestbp.2017.03.002 (NAAS rating- 8.39, IF-2.59)
4. Aravind M, Saravanan BC, **Manjunathachar HV**, Sankar M, Saravanan R, Prasad A, Milton AAP and Bhuvana Priya G. 2017. Molecular expression and characterization of *GCP7* gene of *Haemonchus contortus*. The Indian Journal of Animal Sciences, 87(11). (NAAS rating- 6.17, IF-0.18)
5. Joshi, C., Saravanan, B. C., **Manjunathachar, H. V.**, Sankar, M., Saravanan, R., Gautam, S. and Tewari, A. K. 2016. Molecular expression and characterization of *Taenia solium* TS14 gene for sensitive detection of porcine cysticercosis. The Indian Journal of Animal Sciences, 86(6). (NAAS rating- 6.17, IF-0.18)
6. Tamilmahan P, Maiti SK, Palakara S., Rashmi P, Singh N. Kumar, **Manjunthachar HV** and Plank C. 2016. Culture, Characterization and Differentiation Potential of Rat Bone Marrow derived Mesenchymal Stem Cells. *Journal of Stem cell research & Therapeutics*, 1 (5), 2016.
7. Nagar, G., Sharma, A.K., Chigure, G., **Manjunathachar, H.V.**, Saravanan, B.C., Rai, A. and Ghosh, S. 2016. Identification of mutations in Acetylcholinesterase 2 gene of acaricide resistant isolates of *Rhipicephalus (Boophilus) microplus*. International Journal of Science, Environment and Technology, Vol. 5 (5), 3440 – 3447.(NAAS rating- 3.98)
8. BinodKumar, **Manjunathachar HV** and Ghosh S. 2015. Identification of Cathepsin-L gene from *Hyalomma anatolicum* and its comparative sequence analysis with *Rhipicephalus microplus* and other hard ticks. Journal of Veterinary Parasitology. 29 (1), 10-19. (NAAS rating- 4. 72)
9. Gopi M, DhineshKumar R, Elaiyaraaja G, Karthik K, **Manjunathachar HV**, Gautham K, Jaydip R and Purushothaman MR. 2015. Dietary Essentiality I:

- Coenzyme Q10 Conditionally Essential-Review. *Asian Journal of Animal and Veterinary Advances*, 10 (9): 461-475. (NAAS rating- 4. 00)
- 10. Saravanan BC, **Manjunathachar HV**, Tewari AK, Gupta SC, Karthik K, Tamilmahan P and Sudhakar NR. 2014. Prevalence of porcine cysticercosis in Bareilly, Northern India. *Veterinary World*. 7(5): 281-283. (NAAS rating- 5.71)
 - 11. **Manjunathachar HV**, Saravanan BC, Kesavan M, Karthik K, Rathod PK, Gopi M, Tamilmahan P, Balaraju BL. 2014. Economic importance of ticks and their effective control strategies. *Asian Pacific Journal of Tropical Disease*. 4(2): 770-779.
 - 12. Karthik K, Rathore R, Thomas P, Arun TR, Viswas KN, Agarwal RK, **Manjunathachar HV** and Dhama K. 2014. Loop-mediated isothermal amplification (LAMP) test for specific and rapid detection of *Brucella abortus* in cattle. *Veterinary Quarterly*, 34(4): 174-179. (NAAS rating- 7.05, IF-1.19)
 - 13. Karthik K, Muneeswaran NS, **Manjunathachar HV**, Gopi M, Elamurugan A, Kalaiyarasu S. 2014. Bacteriophages: Effective Alternative to Antibiotics. *Advances in Animal and Veterinary Sciences*. 2 (3S): 1 – 7. (NAAS rating- 4.04)
 - 14. Rathod PK, Hiremath S, **Manjunathachar HV**, Balaraj BL and Bangar Y. 2014. Adoption status of livestock innovations and factors affecting their adoption in bidar district of Karnataka. *The Indian Journal of Field Veterinarians*. 9(4) : 62-65. (NAAS rating- 3.69)
 - 15. Mohsina A, Tamilmahan P, Mathew DD, Remya V, Ravindran NA, Kumar N, Maiti SK, Karthik K, **H V Manjunathachar** (2014). Biomaterials for Hernia Repair in animals; a review. *Advance in Animal & Veterinary Science*. 2 (4S): 48 – 54. (NAAS rating- 4.04)
 - 16. Sudhakar NR, Tewari AK, Maharana BR, Sobharani M, Venkatesha MD, Sreevatsava V, Ranganath S, Jagapur RV, Sahu S, Irungbam K, Saravanan BC and **Manjunathachar HV**. 2014. Seroprevalence of *Trypanosoma evansi* in cattle of Karnataka. *Indian Journal of Veterinary medicine*, 34 (2), pp. 106-110. (NAAS rating- 3.63)
 - 17. Gopi M, Karthik K, **Manjunathachar HV**, Tamilmahan P, Kesavan M, Dashprakash M, Balaraju BL, Purushothaman MR. 2013. Essential Oils as a Feed Additive in Poultry Nutrition. *Advances in Animal and Veterinary Sciences*.2 (1): 1 – 7. (NAAS rating- 4.04)
 - 18. **Manjunathachar HV**, Saravanan BC, Tewari AK, Sankar M, Raina OK, Gupta SC, Balaraju BL and Kesavan M. 2013. Molecular characterization of Ag2 gene of *Taenia solium* Bareilly isolate. *Journal of Veterinary Parasitology*. 27(2) 10-104. (NAAS rating- 4.72)
 - 19. Madhu DN, Sudhakar NR, Maurya PS, **Manjunathachar HV**, Sahu S and Pawde AM. Nasal Oestrosis in a Jamunapari goat. *Journal of parasitic Diseases*. Online published on Feb 2013. (NAAS rating- 4.65)

20. Sudhakar NR, **Manjunathachar HV**, Karthik K, Sahu S, Gopi M, Shanthaveer SB, Nagaraja KH, Shinde S, Tamilmahan P, Madhu DN, Maurya PS. RNA interference in parasites: prospects and pitfalls. *Adv Anim Vet Sci.* 2013 Oct 11;1(2S):1-6. (NAAS rating- 4.04)

Book chapter in Training Manual/Extension publications

1. B. C. Saravanan, **H. V. Manjunathachar**, A. K. Tewari and M. Sankar. Synthesis of cDNA, amplification and cloning of Ag1V1 gene of *Taenia solium cysticerci*. 2013. Molecular biological approaches for diagnosis and control of parasitic diseases. pp 37-39.
2. B. C. Saravanan, A. K. Tewari, M. Sankar, **H. V. Manjunathachar** and Chitra Joshi. *Taenia solium* cysticercosis- Advances in diagnosis and control. 2013. Molecular biological approaches for diagnosis and control of parasitic diseases. pp 37-39.106- 110.
3. B. C. Saravanan, **H. V. Manjunathachar**, Chitra Joshi and Arvind. Parasitic diseases of Yak (*Poephagus grunniens L*) and their control. 2014. Improving yak husbandry through nutritional, Reproductive and health management. Director, National research center on yak, Dirang, pp 203-211.
4. B. C. Saravanan, **H. V. Manjunathachar**, M. Arvind and S. Ghosh. An account on the diagnosis and control of vector borne haemoparasitic diseases infecting ruminants. 2015. Short Term Training programme on Diagnosis and control of parasitic diseases infecting livestock. Director, IVRI pp.61- 69.
5. B. C. Saravanan, M. Arvind, **H. V. Manjunathachar**, and S. Ghosh. Skin Scrapping examination for the diagnosis of Mange/Mite Infestation. 2015. Short Term Training programme on Diagnosis and control of parasitic diseases infecting livestock. Director, IVRI pp- 94-95.
6. B. C. Saravanan, M. Arvind, **H. V. Manjunathachar**, and G. M. Chigure. Management of blood protozoan parasites infecting bovines. 2015. Training Manual on Diagnosis and control of parasitic diseases infecting livestock. Director, IVRI pp- 36.
7. B. C. Saravanan, **H. V. Manjunathachar**, M. Arvind, and G. M. Chigure. examination of skin scrapping for diagnosis of Mange/Mite Infestation. 2015. Training Manual on Diagnosis and control of parasitic diseases infecting livestock. Director, IVRI pp- 60.
8. Binod kumar, **H. V. Manjunathachar** and S. Ghosh. Anti-tick Vaccine. 2016. Recent advances in development of recombinant vaccines for veterinary use. S. Dey and Madhan Mohan, ICAR-IVRI, PP-49-54
9. **H. V. Manjunathachar**, Binod Kumar and S. Ghosh. Strategies and progress towards the development of anti-tick vaccine: An overview. 2017. An update on diagnosis and control of parasitic diseases. K.J. Ananda, B. S. Pradeep, R. L. Rakesh and D. S. Malatesh. KVASFU-Bider pp.267-272

