

CURRICULUM VITAE

Dr. Hari Mohan

(Assistant Professor)

Centre for Medical Biotechnology,

Maharshi Dayanand University,

Rohtak-124001

Phone no.: +919671027033

E-mail: harimohansaini@gmail.com; harimohan.cmbt@mdurohtak.ac.in

Teaching and Research experience:

- Assistant Professor in Centre for Medical Biotechnology, Maharshi Dayanand University, Rohtak (since 28th September, 2010).
- Additional assignment of Veterinary Officer in Central Animal House, Maharshi Dayanand University, Rohtak (since 28th December, 2010).

Academic Qualification:

Ph.D (2015) entitled “**Clinical and epidemiological characterization of human rotavirus among children from Haryana**” Centre for Biotechnology, Maharshi Dayanand University, Rohtak, Haryana-124001.

Degree/ Class	Institute/Board	Year of passing	%age marks
Ph.D	Maharshi Dayanand University, Rohtak, Haryana	2015	70
M.V.Sc	College of Veterinary Sciences, CCSHAU, Hisar	2009	86.3^s
B.V.Sc.&A.H.	College of Veterinary Sciences, CCSHAU, Hisar	2007	81.19*
10+2	Board of school education , Haryana	2001	69
Matric	Board of school education, Haryana	1999	76

Member of National/International scientific societies:

- Life member of “The Association of Microbiologist of India (AMI)”
- Life member “Indian Science Congress”
- Life member “Indian Society of Veterinary Immunology and Biotechnology”

Awards

- DST- Young scientist** award, 2013
- Dr. B.D. Behl** Gold Medal.
- Dr. D.P. Banerjee** Gold Medal.
- Dr. P.K. Dwarkanath** Gold Medal.
- Merit** Gold Medal.
- Certificate of Honour**
- Academic Excellence Award, **Xceft Merit Award** for securing **First position in B. V. Sc. & A. H. batch 2007.**
- Awarded **Junior Research Fellowship** by Department of Biotechnology, Government of India, on the basis of **all India based competition for M.V.Sc (Animal Biotechnology) degree program** for getting 7th rank (2007-2009).
 - CSIR-NET- JRF**
 - DBT-JRF**
 - ICAR-NET**
 - DST Young Scientist**

4.3 Key publications

1. Minakshi, P, Prasad, G., Nanda, T., Swati Dahiya, Ranjan, K., Kumar, A. and **Hari Mohan**. 2011. Single tube method for rapid detection of BHV-1 in buffalo bull semen. *International Journal of Applied Engineering Research*. 6(5): 879-883.
2. **Hari Mohan**, Minakshi, Kumar, P. and G. Prasad. **2012**. Detection of group B Rotavirus in buffalo calves in Haryana state of Northern India. *The Indian Journal of Field Veterinarians*. 7(3):71-74. Renamed to The Indian Journal of Veterinary Sciences and Biotechnology
3. Guriyan, D. and **Hari Mohan**. **2012**. Hematopoietic Stem Cells: Sources and Therapeutic Potential for Autoimmune Diseases and Cancer. *Research & Reviews: Journal of Oncology and Haematology*. 1 (3): 6-14.
4. Paliwal, N., Guriyan, D., **Hari Mohan**, Gakhar, S.K. and K. Chaudhary. **2012**. Production of Ethanol from Rice Straw using Xylose Fermenting Yeast Isolates. *Research and Reviews: A Journal of Biotechnology*. 2 (3): 12-19.

5. Yadav, A.K., **Hari Mohan** and S. Khobrai. **2013**. Screening And Identification Of Human Rotavirus By Elisa And RNA-PAGE Method. *International Journal of Current Research*. 5(5): 1262-1265.
6. Guriyan, D., Paliwal, N., **Hari Mohan** and K. Chaudhary. **2013**. Ethanol production by xylose fermenting yeast cultures using a mixture of dextrose and xylose. *Research and Reviews: A Journal of Biotechnology*. 3(1):10-13.
7. Guriyan, D. and **Hari Mohan**. **2013**. Mesenchymal stem cells: isolation, identification and therapeutic potential for acute respiratory distress syndrome (ARDS) and Liver Diseases. *Research & Reviews: A Journal of Biotechnology*. 1 (3): 14-23.
8. **Hari Mohan**, Ray, P. and Gakhar, S.K. **2014**. Genotypic Linkages Of Vp6 Gene Of Human Rotavirus Isolates Circulating In Pediatric Patients With Acute Gastroenteritis In Haryana And Comparison Of Antigenic Epitopes With Vaccine Strains. *Int. J. Curr. Res.* **6(10)**: 9129-9134.
9. **Hari Mohan** and Kharb, S. **2014**. Human brucellosis: A silent but dreadful disease. *J Innov. Biol.* 1(3):163-167.
10. **Hari Mohan**, Subhash Kharb. 2015. Rabies- Still a challenge in developing world. *Journal of Innovative Biology* Vol. 2, Issue 3, P. 239-244
11. Ishwar Dutta Sharma, Jyoti Dabas, Rahul Khatri and **Hari Mohan**. 2016. Electropherotypes and g-types of group a rotaviruses detected in children of Age <5 years with gastroenteritis in Haryana, *International Journal of Current Research* 8, Issue, 11, pp.41748-41751, November, 2016
12. Minakshi P,*, Basanti Brar, Sunderisen K, Jiju V Thomas , Savi J, Iqbal, Koushlesh Ranjan, Upendera Lambe, Madhusudan Guray, Nitish Bansal, Pawan Kumar, Vinay G Joshi, Rahul Khatri, **Hari Mohan**, C S Pundir, Sandip Kumar Khurana and Gaya Prasad. 2016. Canine Parvovirus – An insight in to diagnostic aspect. *Journal Of Experimental Biology And Agricultural Sciences* I4(3S): 279-290.
13. Poonam , Rahul Khatri , **Hari Mohan** , Minakshi and Pundir CS. 2017. Etiology, Epidemiology, Pathogenesis and Diagnosis of Marek's Disease in Chickens: A Mini review. *Journal of Veterinary Science & Medical Diagnosis*. 6:4

14. Rahul Khatri , Poonam , Hari Mohan , Minakshi and Pundir CS. 2017. Epidemiology, Pathogenesis, Diagnosis and Treatment of Canine Parvovirus Disease in Dogs: A Mini Review *Journal of Veterinary Science & Medical Diagnosis*. 6:3

Details of Projects under implementation

S. No	Title	Cost in Lakh	Duration	Role	Agency
1	DBT-HRD Project for M.Sc. Medical Biotechnology	78.0/-	2012-continue	Coordinator	DBT

Details of Projects completed during the last 5 years

Sr. No.	Title	Cost in Lakh	Duration	Role	Agency
1	Molecular surveillance and characterization of Rotaviruses associated with acute gastroenteritis in the children of Haryana	21.42/-	2013-16	P.I.	DST SERB
2	Development of RT-PCR for detection of Rotavirus	6.20/-	2012-16	Co P.I.	DBT
3	Screening of Rotavirus from stool samples by PAGE	0.10/-	2015	P.I.	R.K. Founda
4	Prevalence and Genotyping of Hepatitis C virus in Rohtak	0.20/-	2016	P.I.	R.K. Founda

Paper and poster presentation at National/International Symposium/conferences:

- ❖ Presented paper on First detection of bovine group B rotavirus among buffalo calves in India by RNA-PAGE and RT-PCR in XV Annual Convention of Indian Society for Veterinary Immunology and Biotechnology (ISVIB) and held at CCS HAU, February 26-28, 2009.
- ❖ Presented poster on Molecular Characterization of a G3P[3] Genotype of Group A Rotavirus in Buffalo in India in XV Annual Convention of Indian Society for

Veterinary Immunology and Biotechnology (ISVIB) held at CCS HAU, February 26-28, 2009.

- ❖ Presented poster on ‘Cloning and expression of the major capsid protein VP6 of buffalo rotavirus in *Escherichia coli*’ in 10th Annual Research Festival ‘Biosparks 2012’ organized by School of Life Sciences, JNU, New Delhi, from 14-15th of March 2012.
- ❖ Presented paper on ‘Detection of swine rotavirus in buffalo calves: an evidence of interspecies transmission’ in International conference on Microbial, plant and animal research (ICMPAR 2012) March 29-31, 2012 organized by MITS, Lakshmangarh, Sikar.
- ❖ Presented poster in the XXII Annual convention of Indian Society for Veterinary Immunology and Biotechnology and National Symposium on Immunomics and Proteogenomics in Livestock Health and Productivity on the topic ‘**Genotypic linkages of VP6 gene of human rotavirus isolates circulating in pediatric patients with acute gastroenteritis in Haryana indicated close proximity of antigenic epitopes with bovine strains**’ held on December 17-19, 2015 at ICAR-National Research Centre on Equines, Hisar.
- ❖ Presented poster in The Twelfth International Rotavirus Symposium held from 7-9 September 2016 in Melbourne, Australia on the topic ‘**Epitope comparison of VP7 & VP4 antigens between Indian Rotavirus field strains and vaccine strains ahead of inclusion in national immunization program**’ organized by Sabin Vaccine Institute.
- ❖ Oral presentation on ‘Molecular analysis of VP4 gene of group A human Rotavirus circulating among diarrhoeic children in Haryana, India’ in National Seminar on ‘Frontiers in Genetics and Genomics’ held on November 22, 2016 at CMBT, MDU, Rohtak
- ❖ Guest speaker in the National Conference/CME on ‘Quality Control in Clinical and Molecular Biochemistry’ organized by Department of Biochemistry, Pt. B.D. Sharma PGIMS, Rohtak on 5th October 2017.

Nucleotide sequences submitted to NCBI with accession number - 57

1. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A isolate HRVA/HR-9/G9P[4]/CMBT/MDU/Rohtak VP4 (VP4) gene, partial cds. KJ855217.
2. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A VP4 (VP4) gene, partial cds. KJ804256.

3. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A isolate HRVA/HR-25/CMBT/MDU/Rohtak VP4 (VP4) gene, partial cds. KJ855214
4. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A isolate HRVA/HR-23/isolate/G9P[8]/CMBT/MDU/Rohtak VP4 (VP4) gene, partial cds. KJ855215.
5. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A isolate HRVA/HR-15/G1P[8]/CMBT/MDU/Rohtak VP4 (VP4) gene, partial cds. KJ855216.
6. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A VP4 (VP4) gene, partial cds. KJ855232.
7. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A isolate HRVA/HR-48/G9P[4]/CMBT/MDU/Rohtak VP4 (VP4) gene, partial cds. KJ855219.
8. Mohan,H., Ray,P. and Gakhar,S.K. 2013. . Rotavirus A isolate HRVA/HR-67/G12P[6]/CMBT/MDU/Rohtak VP4 gene, partial cds. KP017283
9. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-120/G1P[8]/CMBT/MDU/Rohtak VP4 gene, partial cds. KP017284.
10. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-176/G1P[8]/CMBT/MDU/Rohtak VP4 gene, partial cds. KP017285.
11. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-192/G12P[6]/CMBT/MDU/Rohtak VP4 gene, partial cds. KP017286.
12. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-209/G1P[8]/CMBT/MDU/Rohtak VP4 gene, partial cds. KP017287.
13. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-218/G12P[6]/CMBT/MDU/Rohtak VP4 gene, partial cds. KP017288.
14. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-222/G1P[8]/CMBT/MDU/Rohtak VP4 gene, partial cds. KP017289.
15. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-223/G1P[8]/CMBT/MDU/Rohtak VP4 gene, partial cds. KP017290
16. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-254/G1P[8]/CMBT/MDU/Rohtak VP4 gene, partial cds. KP017291.
17. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-271/G1[P8]/CMBT/MDU/Rohtak VP4 gene, partial cds. KP017292.
18. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-302/G1[P8]/CMBT/MDU/Rohtak VP4 gene, partial cds. KP017293
19. Mohan,H., Ray,P. and Gakhar,S.K. 2013. .Rotavirus A isolate HRVA/HR-310/G1[P8]/CMBT/MDU/Rohtak VP4 gene,partial cds. KP017294

20. Mohan,H., Ray,P. and Gakhar,S.K. 2014. Rotavirus A isolate HRVA/HR-336/G1[P8]/CMBT/MDU/Rohtak VP4 gene, partial cds. KP017295.
21. Mohan,H., Ray,P. and Gakhar,S.K. 2014. Rotavirus A isolate HRVA/HR-353/G2[P4]/CMBT/MDU/Rohtak VP4 gene, partial cds. KP017296.
22. Mohan,H., Ray,P. and Gakhar,S.K. 2014. Rotavirus A isolate HRVA/HR-389/G1[P8]/CMBT/MDU/Rohtak VP4 gene, partial cds. KP017297.
23. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A VP7 (VP7) gene, partial cds. KJ804255.
24. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A isolate HRVA/HR-21/G1P[8]/CMBT/MDU/Rohtak VP7 gene, partial cds. KP017279.
25. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A isolate HRVA/HR-30/G1P[8]/CMBT/MDU/Rohtak VP7 gene, partial cds. KP017280.
26. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A isolate HRVA/HR-48/G9P[4]/CMBT/MDU/Rohtak VP7 gene, partial cds. KP017281.
27. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A isolate HRVA/HR-49/G9P[8]/CMBT/MDU/Rohtak VP7 gene, partial cds. KP017282.
28. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-90/G9P[11]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds . KP054246.
29. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-109/G1P[ut]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds. KP054247
30. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-141/G12P[6]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds. KP054248.
31. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-157/G9P[6]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds. KP054249.
32. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-176/G1P[8]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds. KP054250.
33. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-209/G1P[8]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds. KP054251.
34. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-218/G12P[6]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds. . KP054252
35. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-222/G1P[8]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds. KP054253
36. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-254/G1P[8]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds. KP054254

37. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-271/G1P[8]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds. . KP054255
38. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-294/G1P[ut]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds. . KP054256
39. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-302/G1P[8]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds .KP054257.
40. Mohan,H., Ray,P. and Gakhar,S.K. 2013. Rotavirus A isolate HRVA/HR-310/G1P[8]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds. KP054258.
41. Mohan,H., Ray,P. and Gakhar,S.K. 2014. Rotavirus A isolate HRVA/HR-336/G1P[8]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds .KP054259
42. Mohan,H., Ray,P. and Gakhar,S.K. 2014. Rotavirus A isolate HRVA/HR-353/G2P[4]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds. KP054260
43. Mohan,H., Ray,P. and Gakhar,S.K. 2014. Rotavirus A isolate HRVA/HR-389/G1P[8]/CMBT/MDU/Rohtak VP7 (VP7) gene, partial cds. KP054261
44. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A isolate HRVA/HR-9/G9P[4]/CMBT/MDU/Rohtak VP6 (VP6) gene, partial cds. KJ855229
45. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A VP6 (VP6) gene, partial cds. KJ804257
46. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A VP6 (VP6) gene, partial cds. KJ855230
47. Mohan,H., Ray,P. and Gakhar,S.K. 2012. Rotavirus A isolate HRVA/HR-9/G9P[4]/CMBT/MDU/Rohtak nonstructural protein 4 (NSP4) gene, partial cds. KJ855220
48. Mohan,H., Ray,P. and Gakhar,S.K.2012. Rotavirus A nonstructural protein 4 (NSP4) gene, partial cds. KJ804258
49. Mohan,H., Ray,P. and Gakhar,S.K.2012. Rotavirus A isolate HRVA/HR-15/isolate/CMBT/MDU/Rohtak nonstructural protein 4 (NSP4) gene, partial cds. KJ855221
50. Mohan,H., Ray,P. and Gakhar,S.K.2012. Rotavirus A nonstructural protein 4 (NSP4) gene, partial cds. KJ855231
51. Mohan,H., Ray,P. and Gakhar,S.K.2012. Rotavirus A isolate HRVA/HR-25/CMBT/MDU/Rohtak nonstructural protein 4 (VP4) gene, partial cds . KJ855222
52. Mohan,H., Ray,P. and Gakhar,S.K.2012. Rotavirus A isolate HRVA/HR-30/CMBT/MDU/Rohtak nonstructural protein 4 (NSP4) gene, partial cds. KJ855223
53. Mohan,H., Ray,P. and Gakhar,S.K.2012. Rotavirus A isolate HRVA/HR-34/CMBT/MDU/Rohtak nonstructural protein 4 (NSP4) gene, partial cds. KJ855224
54. Mohan,H., Ray,P. and Gakhar,S.K.2012. Rotavirus A isolate HRVA/HR-40/G9P[8]b/CMBT/MDU/Rohtak nonstructural protein 4 (NSP4) gene, partial cds. KJ855225

55. Mohan,H., Ray,P. and Gakhar,S.K.2012. Rotavirus A isolate HRVA/HR-45/G9P[8]/CMBT/MDU/Rohtak nonstructural protein 4 (NSP4) gene, partial cds. KJ855228
56. Mohan,H., Ray,P. and Gakhar,S.K.2012. Rotavirus A isolate HRVA/HR-48/G9P[4]/CMBT/MDU/Rohtak nonstructural protein 4 (NSP4) gene, partial cds. KJ855226
57. Mohan,H., Ray,P. and Gakhar,S.K.2012. Rotavirus A isolate HRVA/HR-49/CMBT/MDU/Rohtak nonstructural protein 4 (NSP4) gene, partial cds. KJ855227