

DATE-WISE PROGRAMME VIRCON-2013

18th December

Session 1: Genetic Diversity and Epidemiology of Animal Viruses

Session Time: 11.15 – 14.15

Chairperson: Dr. V. Balamurugan

Co-chair: Dr. S.K. Batra

Presenting Author	Affiliation	Title of Paper	Timing
V. Balamurugan	National Institute of Veterinary Epidemiology and Disease Informatics, Bangalore, balavirol@gmail.com	Epidemiology of Peste des petits ruminants in India vis a vis control programme	11.15-11.30
D K Sarma	College of Veterinary Science, Assam Agricultural University, Guwahati, dksarma1956@gmail.com	Molecular characterization of classical swine fever virus isolates from North Eastern Region, India	11.30-11.37
D K Sarma	College of Veterinary Science, Assam Agricultural University, Guwahati, dksarma1956@gmail.com	Antigenic characterization of classical swine fever virus isolates by liquid phase blocking ELISA and neutralization peroxidase linked assay	11.37-11.44
K K Rajak	Indian Veterinary Research Institute, Campus Mukteswar, kaushalvirol@gmail.com	Phylogenetic Analysis of 5'UTR and E2 Regions of Classical Swine Fever from India	11.44-11.51
R Kumar/ K K Rajak	Indian Veterinary Research Institute, Campus Mukteswar, kaushalvirol@gmail.com	Whole Genome Sequence Analysis of Classical Swine Fever Virus from Uttarakhand, India	11.51-11.58
Anuj Ahuja/ Arnab Sen	Division of Animal Health, ICAR RC for NEH Region, Barapani, Meghalaya, arnabsen123@gmail.com	Phylogenetic analysis of recent classical swine fever virus (CSFV) isolates from North-Eastern States, India	11.58-12.05
Jitendra K. Biswal, B Pattnaik	Project Directorate on Foot-and-mouth disease (ICAR), Mukteswar	A single point mutation on 2C protein prevents the rescue of infectious FMD virus from full length cDNA clone generated by long RT-PCR	12.05-12.12
Dheeraj Chaudhary	Indian Veterinary Research Institute (IVRI), Mukteswar	Molecular characterization of Peste des petits ruminants virus from an outbreak in Tripura reveals its origin from Bangladesh	12.12-12.19
S.K. Batra	Department of Veterinary Microbiology, LUVAS, Hisar, skbatra54@gmail.com	Surveillance of PPR antibodies in small ruminant sera samples in different districts of Haryana using HI assay	12.19-12.26
V. Balamurugan	National Institute of Veterinary Epidemiology and Disease Informatics, Bangalore	Prevalence of Peste des petits ruminants virus antibodies in sheep and goats in North Eastern India	12.26-12.33
Yashpal S. Malik	Indian Veterinary Research Institute (IVRI), Izatnagar 243 122, Bareilly, malikyps@gmail.com	Sequence and selection pressure analysis of enterotoxin NSP4 gene of bovine rotavirus strains isolated during 2010-2013, India	12.33-12.40
LUNCH			12.45-13.45
Sunil K Mor	Minnesota Veterinary	Complete M and S gene sequences of	13.45-13.52

	Diagnostic Laboratory and Department of Veterinary Population Medicine, St. Paul, MN 55108, USA, goyal001@umn.edu	a newly emerged turkey arthritis reovirus	
Sunil K Mor	Minnesota Veterinary Diagnostic Laboratory and Department of Veterinary Population Medicine, St. Paul, MN 55108, USA, goyal001@umn.edu	Molecular characterization of turkey enteric reovirus S3 gene	13.52-13.59
Sanjeevna Kumari	Indian Veterinary Research Institute, Mukteswar, maramakrishnan@gmail.com	Differentiation of Sheeppox Virus and Goatpox Virus by VLTF-4 Gene Based Polymerase Chain Reaction Assay	13.59-14.06
Santhamani R/ Ramakrishnan MA	Indian Veterinary Research Institute, Mukteswar, maramakrishnan@gmail.com	Cloning and sequence analysis of RNA Polymerase 30 kDa subunit (RPO30) gene of Indian goatpox viruses	14.06-14.13

Session 2: Transboundary and Emerging Animal Viral Diseases

Session Time: 14.15 – 15.45

Chairperson: Dr. D.K. Sarma

Co-chair: Dr. D.P. Attrey

Presenting Author	Affiliation	Title of Paper	Timing
D P Attrey	Director Innovation & Research Food Technology and Director Amity Institute of Seabuckthorn, Amity University Uttar Pradesh, Sector 125, NOIDA-201303	Integration of Public Health Functions with those of Veterinary Public Health to Achieve National Health Care Goals through Containment of Emerging Viral Zoonosis	14.15-14.30
D K Sarma	College of Veterinary Science, Assam Agricultural University, Guwahati, dksarma1956@gmail.com	Emerging viral diseases of pigs with particular reference to porcine reproductive and respiratory syndrome in India	14.30-14.45
Mohammed Alimul Islam	Department of Microbiology and Hygiene, Faculty of Veterinary Science, Bangladesh Agricultural University, Bangladesh	Co-circulation of High and Low Pathogenic Avian Influenza Viruses among the Poultry Population in the year 2011-2013 in Bangladesh	14.45-14.52
Arnab Sen	Division of Animal Health, ICAR RC for NEH Region, Barapani, Meghalaya, arnabsen123@gmail.com	Challenges and Frontiers in the Control of Transboundary Animal Diseases in the North Eastern Indian Region	14.52-14.59
Naveed Zahra	University College of Veterinary and Animal Sciences, The Islamia University of Bahawalpur, Pakistan, drnaveedzahra@iub.edu.pk	Crimean-Congo Hemorrhagic Fever (CCHF) an emerging zoonotic disease	14.59-15.06
S Dam Roy	Central Agricultural Research Institute, Port Blair	Status of prevalent and emerging diseases of livestock, fishes and plants in A & N Islands	15.06-15.13
V. Umaphathi	Indian Veterinary Research Institute, Bengaluru Campus	Cyto-pathological Changes Induced by Infectious Bursal Disease Virus in	15.13-15.20

		Chick Embryo Fibroblast Cells	
R R Pharande	Bombay Veterinary College, Mumbai, rpharande@gmail.com	Seroprevalence of Infectious Bovine Rhinotracheitis (IBR) Virus in Maharashtra	15.20-15.27
TEA BREAK			15.45-16.00

Session 6: Vector-borne and Zoonotic Animal Viral Diseases

Session Time: 16.00 – 17.45

Chairperson: Dr. Minakshi P

Co-chair: Dr. Praveen Malik

Presenting Author	Affiliation	Title of Paper	Timing
Minakshi P	Department of Animal Biotechnology, LLR University of Veterinary and Animal Sciences, Hisar, Haryana, minakshi.abt@gmail.com	BTV infection in India and its transmission through culicoides vectors: An overview	16.00 – 16.15
Sanjay Barua	Veterinary Type Culture Collection, National Research Centre on Equine, Hisar, sbarua06@gmail.com	Zoonotic Poxviruses	16.15-16.30
Praveen Malik	Veterinary Type Culture Collection, National Research Centre on Equines, Hisar	Equine Infectious Anemia – Status of Last Decade in India	16.30 – 16.45
Sushila Maan	Animal Biotech, LUVAS, Hisar, sushilamaan105@gmail.com	Emerging and Re-emerging Arboviruses in India	16.45-17.00
Sabarish V. Indran	Amity Institute of Virology and Immunology, Amity University, Noida, svindran@amity.edu	Identification of CD8+ T-cell Epitopes in the Rift Valley Fever Virus Nucleoprotein	17.00-17.07
S. K. Biswas	Indian Veterinary Research Institute, Mukteswar, sanchaybiswas@gmail.com	Sequencing of VP2 gene and neutralization behavior of BTV-1 isolates recovered from a same epidemiological event indicates coexistence of multiple VP2 phenotypic variants	17.07-17.14
S. K. Biswas	Indian Veterinary Research Institute, Mukteswar, sanchaybiswas@gmail.com	Sequencing of outer capsid protein gene and study on neutralization behaviour of Indian BTV-1 isolates: A step towards selection of suitable vaccine candidate	17.14-17.21
Karam Chand	Indian Veterinary Research Institute, Mukteswar, virusshield@gmail.com	Immunoaffinity purification of bluetongue virus group specific antibody using recombinant protein adsorbed to affinity matrices	17.21-17.28
Nirmal Chacko, and Sathish Bhadravati Shivachandra	Indian Veterinary Research Institute, Mukteswar, sbshivachandra@gmail.com	Cloning, expression and purification of non-structural protein (NS2) of bluetongue virus 23 in prokaryotic expression system	17.28-17.35

Arnab Ghosh	Department of Animal Biotechnology, COVS, LUVAS, Hisar, dr.arnab89@gmail.com	An Alternative Amplification and Sequencing Approach for Genome Segment 2 of Bluetongue Virus	17.35-17.42
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December 19, 2013

Sessions 3 & 4: Diagnosis and Control of Animal Viral Diseases-I & II

Session Time: 09.30 – 12.45

Chairperson: Dr. B. Pattnaik

Co-chair: Dr. G. Venkatesan

Presenting Author	Affiliation	Title of Paper	Timing
G. Venkatesan	Pox Virus Disease Laboratory, Division of Virology, Indian Veterinary Research Institute, Nainital (Distt.), Mukteswar 263 138, Uttarakhand, India	Molecular Diagnostic Approaches for Detection and Differentiation of Capripox- and Parapox-Viruses of Sheep and Goats	9.30-9.45
Sanjay Barua	Veterinary Type Culture Collection, National Research Centre on Equine, Hisar, sbarua06@gmail.com	Molecular identification of Swine poxvirus from India	9.45-10.00
Jitendra K. Biswal, B Pattnaik	Project Directorate on Foot-and-mouth disease (ICAR), Mukteswar	Detection of Foot-and-mouth disease virus infection specific antibody using recombinant non-structural protein 2B based indirect ELISA	10.00-10.07
Sonalika Mahajan, B Pattnaik	Project Directorate on Foot-and-mouth disease (ICAR), Mukteswar, pattnaikb@gmail.com	The autophagy regulatory protein Beclin-1 interacts with the foot-and-mouth disease virus non-structural protein 2C	10.07-10.14
M. Rout/ B Pattnaik	Project Directorate on Foot-and-mouth disease (ICAR), Mukteswar	Detection of foot-and mouth disease virus infection in cattle and pig farm in Kerala	10.14-10.21
Rajeev Ranjan	Project Directorate on Foot-and-mouth disease (ICAR), Mukteswar	Foot and Mouth Disease: Management and control	10.21-10.28
L Dash	Project Directorate on Foot-and-mouth disease (ICAR), Mukteswar	Single domain heavy chain antibodies: A new tool in Foot and Mouth Disease diagnosis	10.28-10.35
Amiya Kumar Mohapatra/ B Pattnaik	Project Directorate on Foot-and-mouth disease (ICAR), Mukteswar	Recombinant nonstructural protein 3B based indirect ELISA for foot-and-mouth disease sero-surveillance	10.35-10.42
Gaurav Kumar Sharma, B Pattnaik	Project Directorate on Foot-and-mouth disease (ICAR), Mukteswar	Production and characterization of single chain variable fragment (scFv) antibodies against 3ABC non-structural protein in immuno-diagnosis of FMD	10.42-10.49
Baldev Gulati	National Research Centre on Equines, Sirsa Road, Hisar-125 001, Haryana, India	Diagnosis and Control of Japanese Encephalitis among Animals in India:	10.49-10.56

		Progress and Perspective	
Tea Break			11.00-11.15
Ajay K. Yadav	Indian Veterinary Research Institute (IVRI), Mukteswar	Expression of Peste des petits ruminants virus V protein in prokaryotic system and its potential use as a diagnostic antigen	11.15-11.22
G.Venkatesan	Indian Veterinary Research Institute, Nainital (Distt.), Mukteswar, gnanamvirol@gmail.com	Simple visual based LAMP assay for rapid detection of animal pox viruses in clinical samples	11.22-11.29
P.A.Desingu	Division of Pathology, Indian Veterinary Research Institute, Izatnagar, padesingu@gmail.com	A Novel method of detection and differentiation of avirulent (including lentogenic and mesogenic vaccine strains) and virulent Newcastle disease viruses by RT-PCR combined with single restriction enzyme digestion	11.29-11.36
P.A.Desingu	Division of Pathology, Indian Veterinary Research Institute, Izatnagar, padesingu@gmail.com	Differential detection of Newcastle disease virus strains by degenerate primer based nested RT-PCR	11.36-11.43
Aman Kumar	Animal Biotech, LUVAS, Hisar amankumar34237@gmail.com	Development of SYBR-Green based quantitative real-time PCR (qPCR) assay for detection of Orf virus	11.43-11.50
Sushila Maan	Animal Biotech, LUVAS, Hisar, sushilamaan105@gmail.com	Pan-orbivirus RT-PCR assay: a diagnostic tool for orbivirus discovery	11.50-11.57
Sushila Maan	Animal Biotech, LUVAS, Hisar, sushilamaan105@gmail.com	Development of Real time PCR assay for detection of Sheep poxvirus DNA	11.57-12.04
Prasenjit Dhar	Department of Veterinary Microbiology, DGCN COVAS, CSKHPKV, Palampur, dharprasen@gmail.com	Comparison of different serological tests for detection of Vero adapted FAV-4 in various tissues of chicks	12.04-12.11
K Puro/ A Ahuja	Animal Health Division, ICAR-RC for NEH Region, Umiam – 793103, Meghalaya	Detection of reticuloendotheliosis virus (REV) integration in poxvirus of poultry	12.11-12.18
Taruna Anand	Veterinary Type Culture Collection, National Research Centre on Equines, Hisar, tarunandri@gmail.com	Isolation of bacteriophages against enteropathogenic E. coli strain from mare abortion	12.18-12.25

Session 5: Vaccines and Anti-viral Compounds

Session Time: 13.45 – 15.45

Chairperson: Dr. A.B. Pandey

Co-chair: Dr. Ajit Singh

Presenting Author	Affiliation	Title of Paper	Timing
A. B. Pandey	Indian Veterinary Research Institute, Campus Mukteswar, abpandey58@rediffmail.com	Next Generation Veterinary Viral Vaccines	13.45-14.00
Satya Parida	The Pirbright Institute, Ash	Development of a Live Attenuated	14.00-14.15

	Road, Woking, Surrey, GU24 0NF, United Kingdom	Peste des Petits Ruminants DIVA Vaccine using Reverse Genetics Techniques	
Ajit Singh	Department of Veterinary Microbiology, LUVAS, adjitprnik@msn.com	Toll-like receptor agonists as adjuvants for modern vaccines against viral diseases	14.15-14.30
K.D.Pandey	Ex. H.O.D. Division of Biologicals, Indian Vety. Res. Inst. Bareilly U.P., pandeykd@yahoo.com	India's Capability in Vaccine for Medical and Veterinary use	14.30-14.45
B.P.Sreenivasa / R.Venkataraman	Indian Veterinary Research Institute, Hebbal, Bangalore-560 024	Development and evaluation of adenovirus vectored foot-and-mouth disease vaccine using Indian vaccine strains of FMD virus	14.45-14.52
A.K. Sharma	Indian Veterinary Research Institute Mukteswar	Association of BoLA-DQA1 alleles with FMDV vaccine elicited immune response in Crossbred cattle	14.52-14.59
S. Chandra Sekar	Indian Veterinary Research Institute, Mukteswar, schand_vet@yahoo.co.in	Development of Foot and Mouth Disease virus replicon based multi-epitope gene vaccine	14.59-15.06
Yashpal S. Malik	Indian Veterinary Research Institute (IVRI), Izatnagar, malikyps@gmail.com	Sequence and evolutionary analysis of Toll like receptor 5 of cold desert Changthangi (Pashmina) goats (Capra hircus laniger) of India	15.06-15.13
Baldev R Gulati	National Research Centre on Equines, Hisar, brgulati@gmail.com	Characterization of Equine Adenovirus Isolates for use as a Vector for Vaccine Delivery	15.13-15.20
Taruna Anand	Veterinary Type Culture Collection, National Research Centre on Equines, Hisar, tarunandri@gmail.com	iPS cells derivation of transgenic mice with lens-specific td-tomato expression	15.20-15.27
Tea Break			15.45-16.00