

**Programme of VIROCON- 2016 and International Conference on  
Global Perspectives in Virus Disease Management,  
December 8 -10<sup>th</sup>, 2016,  
ICAR-Indian Institute of Horticultural Research, Bengaluru**

S.No.	Date & Time	Session/Speaker/Title
<b>First Day: 08-12-2016</b>		
	<b>8.30 - 9.00 AM</b>	Breakfast
	<b>9.00 - 9.30 AM</b>	Registration
	<b>9.30 -11.00AM</b>	Inaugural Function Distribution of Life time Achievement Awards, felicitations Keynote Address: Inspirations and expectations of growth of medical Virology in India- <b>Dr V M Katoch</b> , Former DG, ICMR and Secretary Health, DHR, GOI
	<b>11.00 - 11.30 AM</b>	High Tea
<b>TEC - S.I</b>	<b>11.30AM - 12.15 PM</b>	Chairpersons: Prof A K Prasad, President, IVS Dr G P Rao, Secretary, IVS  <b>Prof. K. S. Bharagava Oration Lecture – Dr. M. P. Yadav</b> , Ex Vice Chancellor, Sardar Vallababhai Patel University, Meerut
<b>TEC - S.II</b>	<b>Plenary Lectures 12.15-1.45PM &amp; 2.45 – 3.15 PM</b>	Chairpersons: <b>1.Dr V M Katoch</b> , Former DG ICMR and Secretary Health, DHR, GOI <b>2. Lt Gen. D Raghunath</b> , Former DG, AFMC, Principal executive of Sir Dorabji Tata Centre in Tropical Diseases, Bengaluru,
	12.15 – 12.45 PM	<b>1: New insights into Alphavirus disease mechanisms and novel therapeutics and Vaccine approaches- Prof Suresh Mahalingam</b> , Griffith University, Australia
	12.45 – 1.15 PM	<b>2: Can we find ways to master epidemics of viral diseases of plants - Dr.Anupam Varma</b> , IARI, New Delhi, India
	1.15 -1.45PM	<b>3: Plant viruses like particles as nanocarriers -Prof. H.S. Savithri</b> , IISc, Bengaluru, India
	<b>1.45PM – 2.45PM</b>	<b>Lunch Break &amp; Poster viewing</b>
	2.45PM – 3.15PM	<b>4: Viruses of aquatic animals: challenges in disease management - Prof. Indrani Karunasagar</b> , Nitte University, Mangalore, India
<b>Medical Virology</b>		
<b>TEC - S.III</b>	<b>3.15 - 5.00 PM</b>	<b>Sessions on: Diversity and Evolution of viruses Committee Hall, Office Building</b>
	<b>Lead Presentations</b>	Chairpersons: <b>Dr. R K Ratho</b> (PGIMER, Chandigarh) <b>Dr V G Ramachandran</b> , UCMS, New Delhi, India
	3:15-3:35PM	<b>1: Functional analysis of CD4 T cells in HIV infected individuals with and without Neurotuberculosis by Dr Anita Desai</b> , NIMHANS, Bengaluru, India
	3:35-3:55PM	<b>2: Inhibition of Chikungunya Virus Replication by MBZM-N-IBT by Dr.Soma Chattopadhyay</b>

	3:55-4:15PM	<b>3: Diversity and evolution of chikungunya virus - Dr.Sujatha Sunil, ICGEB, New Delhi, India</b>
	<b>Oral Presentations</b> 4.15PM to 4.25PM	<b>1.Association of Non-Rota Enteric Viruses in Rotavirus Vaccinated Children with Acute Gastroenteritis - Dr. Preeti Jain</b>
	4:25-5.00PM	<b>Discussions</b>
	<b>5.00PM – 5.30PM</b>	<b>TEA BREAK &amp; Poster Presentation</b>
TEC S.IV	<b>5.30PM -7.00PM</b>	<b>Sessions on: Molecular Host Virus Vector Interactions</b>
	<b>Lead Presentations</b>	Chairpersons: <b>Dr J Shanmugam</b> <b>Dr. M.M. Parida</b>
	5.30PM -5.50PM	<b>1:: Variations in HIV -1 nef: its functional consequences and pathogenic implications by Dr V G Ramachandran, UCMS, New Delhi, India</b>
	5.50PM -6.10PM	<b>2:: Evolution of dengue -Sri Lankan experience - Dr. F. Noordeen, University of Peradeniya, Sri Lanka</b>
	<b>Oral Presentations</b> 6.10PM -6.20PM	<b>1: Rotavirus Infection: Computational Prediction of Host-pathogen interaction to support epidemiological data - Kshitija Rane-Yadav</b>
	6.20PM -6.30PM	<b>2: Risk of cervical cancer associated with the coinfection of Phylogenetically related genotypes and non vaccine targeted HPV genotypes in Indian population - Rashmirani Senapati</b>
	6.30PM -7.00PM	<b>Discussion</b>
	<b>7.00 -8.00 PM</b>	<b>Cultural Programme</b>
	<b>8.00 -9.00PM</b>	<b>Dinner</b>

<b>8.12.2016</b>	<b>PLANT VIROLOGY</b>	<b>AUDITORIUM</b>
<b>TEC - S.III</b>	<b>3.15 – 5.05 pm</b>	<b>Sessions on: Diversity and Evolution of viruses</b>
	<b>Lead Presentations</b>	Chairpersons: <b>Prof. Anupam Varma</b> Co-Chair: <b>Dr. Indranil Dasgupta</b> Rapporteurs: <b>Dr.B.L.Patil</b>
	3:15-3:35PM	<b>1. New advances in controlling banana bunchy top disease in sub-Saharan Africa - Dr. P. Lava Kumar, IITA,Ibadan, Nigeria</b>
	3:35-3:55PM	<b>2. Exploring the interactions between rice and the viruses causing the tungro disease - Dr. Indranil Dasgupta, Department of Plant Molecular Biology, University of Delhi South Campus, New Delhi, India</b>
	3:55-4:15PM	<b>3: A Biodiversity study of Pigeon pea sterility mosaic virus in India reveals the presence of recombinations and re-assortments - Dr. B.L Patil, ICAR-National Research Centre on Plant Biotechnology, New Delhi, India</b>
	<b>Oral Presentations</b> 4.15 - 4.25PM	<b>1: Molecular characterization of Tobacco curly shoot virus and betasatellite associated with curly shoot disease of common bean (<i>Phaseolus vulgaris</i> L.) - Dr. V.Venkataramanappa, CHES, Indian Institute of Horticultural Research, Chettahalli, Kodagu, India</b>
	4.25 - 4.35PM	<b>2: Virus and virus like disease incidences of cucurbit cultivation</b>

		in southern dry zone region of Sri Lanka - <b>Chithrani Ranasinhe</b> , Plant Virus Indexing Center, Homagama, Sri Lanka
	4.35 - 4.45PM	<b>3:</b> Molecular identification of the begomoviruses infecting commercially important plants in Madhya Pradesh of India - <b>Dr. Sunil Kumar Snehi</b> , Barkatullah University, Bhopal, India
	4.45 - 4.55PM	<b>4:</b> Diversity in Plant virus populations - <b>Dr. K Subramanya Sastry</b> , Retired Principal Scientist (Plant Pathology), Bengaluru, India
	4.55 - 5.05PM	<b>5:</b> Biological and molecular characterization of distinct Soybean yellow mottle mosaic virus from India - <b>Dr. Nagamani Sandra</b> , ICAR-Indian Agricultural Research Institute, New Delhi, India
	<b>5.05 – 5.30PM</b>	<b>TEA BREAK &amp; Poster Presentation</b>
<b>TEC S. IV</b>	<b>5.30 -7.20PM</b>	<b>Sessions on: Molecular Host Virus Vector Interactions</b>
	<b>Lead Presentations</b>	Chairperson: <b>Prof. H. S. Savithri</b> Co-chairmen: <b>Dr. V. K. Baranwal</b> Rapporteurs: <b>Dr.C.Anuradha</b>
	5.30 - 5.50PM	<b>1.</b> Transcriptome analysis of Musa dually infected by banana bunchy top virus and banana streak Mysore virus - <b>Dr. R. Selvarajan</b> , ICAR-NRC on Banana, Tiruchirappalli, India
	5.50 -6.10PM	<b>2:</b> Endogenous pararetroviruses in plants – occurrence, detection and significance - <b>Dr. A.I. Bhat</b> ,ICAR-Indian Institute of Spices Research, Kozhikode
	6.10 -6.30PM	<b>3:</b> Tobacco streak virus-An emerging virus on agricultural and horticultural crops in India and identification of new and potential weed hosts for its survival and spread - <b>Dr. K. Vemana</b> , Department of Plant Pathology. ARS, Kadiri, AP
	<b>Oral Presentations</b> 6.30 -6.40PM	<b>1:</b> Cryptic bacterial infections: the hidden agenda of insect pathogens on the whitefly <i>Bemisia tabaci</i> population dynamics - <b>Dr. M. N. Maruthi</b> , Natural Resources Institute, University of Greenwich, UK.
	6.40 - 6.50PM	<b>2:</b> Self-interaction of helper component-proteinase and interaction of viral protein genome linked (VPg) of Banana Bract Mosaic Virus (BBrMV) with the translational eukaryotic initiation factor 4E (eIF4E) - <b>Dr. C. Anuradha</b> , ICAR-NRC on Banana, Tiruchirappalli, India
	6.50 -7.00PM	<b>3:</b> Chayote ( <i>Sechiumedule</i> Jacq.) mosaic disease in the North-East sub-Himalayan region: Transmission of tomato leaf curl New Delhi by <i>Trialeurodes vaporariorum</i> - <b>Dr. Amalendu Ghosh</b> , ICAR-IARI, New Delhi , India
	7.00 -7.10PM	<b>4:</b> Surmounting challenges in mass-rearing of leafhopper vectors - <b>Dr. P. Sreerama Kumar</b> , ICAR–National Bureau of Agricultural Insect Resources, Hebbal, Bengaluru, India
	7.10 -7.20PM	<b>5:</b> Interaction of 2b protein of Cucumber mosaic virus with HB27 transcription factor - <b>Usha Kumari Rattan</b> , CSIR- Institute of Himalayan and Bioresource Technology, Palampur , India
	<b>7.00 -8.00 PM</b>	<b>Cultural Programme</b>
	<b>8.00 -9.00PM</b>	<b>Dinner</b>

<b>8.12.2016</b>	<b>VETERINARY VIROLOGY</b>	<b>Seminar Hall, Division of Plant Pathology</b>
<b>TEC - S.III</b>	<b>3.15 – 5.00pm</b>	<b>Sessions on: Diversity and Evolution of viruses,</b>
	<b>Lead Presentations</b>	Chairperson: <b>Dr. M. P. Yadav</b> Co-Chairmen: <b>Dr. D. Hemadri</b> Rapporteurs: <b>Dr. H. S. Basagoudanavar</b> <b>Dr. S. Saravanan</b>
	3:15-3:35PM	<b>1:</b> Emerging and re-emerging viral diseases of equines - <b>Dr. B.N.Tripathi</b> , ICAR- National research Centre on Equines, Hisar, India
	3:35-3:55PM	<b>2:</b> Divergence and evolution of H5 subtype of avian Influenza viruses - <b>Dr. C. Tosh</b> , ICAR-National Institute of High Security Animal Diseases, Bhopal, India
	3:55-4:15PM	<b>3:</b> Enteric viral infections: Challenges & prospects in 21st century - <b>Dr. Yashpal S. Malik</b> , ICAR-National Fellow, Indian Veterinary Research Institute, Izatnagar, Uttar Pradesh, India
	4.15 - 4.35PM	<b>4.</b> MicroRNAs and autophagy in the host response to animal RNA virus infections - <b>S.H. Basagoudanavar</b> , ICAR- Indian Veterinary Research Institute, Bengaluru, India
	<b>Oral Presentations</b> 4.35 - 4.45PM	<b>1:</b> Genetic characterization of a historic isolate reveals the existence of bovine herpesvirus subtype 1.2 in India - <b>Dr. M. A Ramakrishnan</b> , ICAR-Indian Veterinary Research Institute, Mukteswar, Uttarakhand, India
	4.45 - 4.55PM	<b>2:</b> Identification and phylogenetic analysis of orf virus from outbreaks in goats of Tripura state of North-East India - <b>Dr. Gnanavel Venkatesan</b> , Division of Virology, Indian Veterinary Research Institute, Mukteswar, Uttarakhand, India
	4.55 - 5.05PM	<b>3:</b> Evolutionary dynamics of type Asia 1 Foot and Mouth Disease Virus isolates from Mithun (Bosfrontalis) of north-east India - <b>Sagar Ashok Khulape</b> , ICAR- Directorate of Foot and Mouth Disease, Mukteswar, Uttarakhand, India
		<b>4:</b> Molecular pathotyping of Newcastle disease virus Isolated from pigeons - <b>Nishanth. C.</b> , Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar, India
	<b>5.15PM – 5.30PM</b>	<b>TEA BREAK &amp; Poster Presentation</b>
<b>TEC S.IV</b>	<b>5.30PM -7.50PM</b>	<b>Sessions on: Molecular Host Virus Vector Interactions</b>
	<b>Lead Presentations</b>	Chairperson: <b>Prof. Gaya Prasad</b> Co-Chairmen: <b>Dr. C. Tosh</b> Rapporteurs: <b>Dr. V. Balamurugan</b> <b>Dr. M. Hosamani</b>
	5.30 -5.50PM	<b>1:</b> Bluetongue virus and culicoides vector interactions and the infections in multihost systems - <b>Dr. Y. Krishnamohan Reddy</b> , TANUVAS, Chennai, India
	5.50 -6.10PM	<b>2:</b> BTV infection in India and its transmission through culicoides Vectors: an overview - <b>Dr. P Minakshi</b> , LUVAS, Hisar, Haryana, India
	6.10 -6.30PM	<b>3:</b> Deciphering the correlation of selected defense genes of

		tiger shrimp, <i>Penaeus monodon</i> against White Spot Syndrome Virus infection – <b>Dr. Subhendu Kumar Otta</b>
	6.30 -6.50PM	<b>4:</b> Transcriptome analysis to decipher the host interactome - <b>Dr. Ravi Kumar Gandham</b> , ICAR - IVRI, Izatnagar, UP, India
	<b>Oral Presentations</b> 6.50 -7.00PM	<b>1:</b> Inactivation of Infectious laryngotracheitis virus field isolate by binary ethylene imine in comparison to formalin - <b>Dr. K. Brindha</b> , Tamil Nadu Veterinary and Animal Sciences University, Chennai, India
	7.00 -7.10PM	<b>2:</b> Role of TNF $\alpha$ and PI3K/AKT mediated cell-signalling pathways in Porcine Reproductive and Respiratory Syndrome Virus infection - <b>Dr D.Senthil Kumar</b> , ICAR- National Institute of High Security Animal Diseases, Bhopal, Madhya Pradesh, India
	7.10 -7.20PM	<b>3:</b> Foot-and-mouth disease virus activity evident from presence of nonstructural protein antibodies in populations of mithun ( <i>Bosfrontalis</i> ), yak ( <i>Bosgrunniens</i> ) and their hybrids maintained in farms and villages of Arunachal Pradesh, India - <b>Dr. Manoranjan Rout</b> , ICAR-Directorate of Foot and Mouth Disease, IVRI Campus, Mukteswar, Nainital, Uttarakhand, India,
	7.20 -7.30PM	<b>4:</b> Serial cytolitic passage of foot and mouth disease virus under non-immune pressure resulted in change of antigenicity - <b>Dr. Saravanan Subramaniam</b> , ICAR-Directorate on Foot-and-mouth disease, Mukteswar-Kumaon, Uttarakhand, India
	7.30 -7.40PM	<b>5:</b> Association of High Rainfall and abundance of culicoides with high mortality of sheep due to bluetongue - <b>Dr. T. Ravimurugan</b> , TANUVAS, Chennai, India
	7.40 -7.50PM	<b>6:</b> Identification of the host cell proteins interacting with the non-structural protein 2C of foot-and-mouth disease virus using yeast two-hybrid system - <b>Dr. Sonalika Mahajan</b> , Indian Veterinary Research Institute, Bareilly, U.P, India,
	<b>7.00 -8.00 PM</b>	<b>Cultural Programme</b>
	<b>8.00 -9.00PM</b>	<b>Dinner</b>

**SECOND DAY: 9.12.2016**

	<b>8.30 AM-9.00AM</b>	<b>Breakfast</b>
<b>TEC – S V</b>	<b>Plenary Lectures: 9.00 -11.00am</b>	Chairpersons: <b>Prof. M. P. Yadav</b> <b>Prof. Anupam Varma</b> Rapporteurs: <b>Dr.Bikas Mandal</b>
	9.00 – 9.30	<b>1-</b> Polio eradication: The last Mile <b>Dr J. Deshpande</b> ,ERC, Mumbai, India
	9.30-10.00	<b>2-</b> Viruses in marine ecosystems are diverse, regulate microbial diversity, plankton blooms, play role in nutrient cycling, and some cause disease of aquatic animals -- <b>Dr. K.K. Vijayan</b> , ICAR-Central Institute of Brackishwater Aquaculture, Chennai, India
	10.00-10.30	<b>3:</b> A Century of rise and fall of human viral diseases- <b>Prof. V. Ravi</b> , NIMHANS, Bengaluru, India
	10.30 -11.00	<b>4-</b> Measles elimination: on the footprints of polio eradication initiative by <b>Dr.Ashish Satpathy</b> , WHO, India
	<b>11.00- 11.30</b>	<b>Tea Break</b>

<b>MEDICAL VIROLOGY</b>		<b>Committee Hall, Main Building</b>
<b>TEC - S.VI</b>	<b>11.30AM – 1.30 PM</b>	<b>Sessions on: Genomics, Diagnosis and Molecular Characterization</b>
	<b>Lead Presentations</b>	Chairpersons: <b>Dr. S R Prasad, Tammaka,</b> <b>Dr. Anita Chakrabarti,</b>
	11:30 -11:50AM	<b>1:</b> Recent concepts in the immunopathogenesis of fulminant Hepatitis E. - <b>Dr. R K Ratho</b> , PGIMER. Chandigarh, India
	11:50 AM - 12:10PM	<b>2:</b> HBV mutants: their clinical and diagnostic significance by <b>Dr. Ekta Gupta</b> , ILBS, New Delhi, India
	12:10 -12:30PM	<b>3:</b> Dual use Research Concern (DURC) and Gain of Function (GOF): Biosecurity and Biodefence Perspective by <b>Dr. MM Parida</b> , DRDO, Gwalior, India
	12:30 -12:50PM	<b>4:</b> Is the Rabies Virus as Invincible? Survival from Human Rabies: Global Facts & Figures – <b>Dr. Reeta S. Mani</b> , NIMHANS, Bengaluru, India
	12.50 -1.10PM	<b>5</b> Diagnostic dilemmas in HBV and HCV <b>Dr. John Fletcher</b> , CMC, Vellore, India
	1.10 -1.30 PM	<b>Discussion</b>
	<b>1.30 -2.15 PM</b>	<b>Lunch Break and Poster Session</b>
<b>TEC - S.VII</b>	<b>2.15 - 3.30 PM</b>	<b>Sessions on: Young Scientist Award Contest papers</b>

<b>TEC S.VIII</b>	<b>3.30 – 5.30 PM</b>	<b>Sessions on: Vaccines and Therapeutics in Virus disease control</b>
		Chairpersons: <b>Dr. V Ravi</b> <b>Dr. V. Gopalakrishna</b> Rapporteur:
	3.30–3.50PM	<b>1:</b> Viral safety in blood transfusion by <b>Dr. T N Dhole</b> , SGPPI, Lucknow, India
	3.50–4.10PM	<b>2:</b> Role of viral diagnostic lab networking towards management of viral epidemic by <b>Dr. A K Bagga</b> , DHR, New Delhi, India
	4.10–4.30PM	<b>3:</b> Role of Plant Polyphenols in Viral Therapy by <b>Dr. N. Rishi</b> , Amity University, Noida, India
	4.30–4.50PM	<b>4:</b> Risk assessment for Zika virus infection: lessons learned from Dengue by <b>DR. S K Saxena</b> , KGMU, Lucknow, India
	4.50–5.10PM	<b>5:</b> Multi-targeted Therapy of Everolimus in Kaposi's Sarcoma Associated Herpes Virus infected Primary Effusion Lymphoma – <b>Dr. Tathagata Choudhuri</b>
	<b>Oral Presentations</b> 5.10–5.20PM	<b>1:</b> Detection of rotavirus in children hospitalized with acute gastroenteritis in Mangaluru - <b>Praveen Rai</b> , Mangaluru, India
	5.20–5.30PM	<b>Discussion</b>
	<b>5.30 - 6.00PM</b>	<b>Tea Break and Poster Presentation</b>
	<b>6.00 – 7.00PM</b>	<b>General Body Meeting</b>
	<b>7.00 -8.00 PM</b>	<b>Cultural Programme</b>
	<b>8.00 -9.00PM</b>	<b>Dinner</b>

<b>PLANT VIROLOGY</b>		<b>AUDITORIUM</b>
<b>TEC - S.VI</b>	<b>11.30AM-1.30PM</b>	<b>Sessions on: Genomics, Diagnosis and Molecular Characterization</b>
	<b>Lead Presentations</b>	Chairpersons: <b>Dr. P. Lava Kumar</b> Co-chairmen: <b>Dr. Bikas Mandal</b> Rapporteur: <b>Dr. Susheel Sharma</b>
	11:30 AM - 11:50PM	<b>1:</b> Characterization and diagnostics of Grapevine leafroll-associated viruses infecting grapevine in India – <b>Dr. V. K. Baranwal</b> , ICAR-IARI, New Delhi, India
	11:50 AM - 12:10PM	<b>2:</b> Developing molecular diagnostics for rapid and sensitive detection of important virus / virus-like pathogens infecting citrus and implementing citrus bud wood certification program in India - <b>Dr. D K Ghosh</b> , ICAR- Central Citrus Research Institute, Nagpur, India
	12:10 -12:30PM	<b>3:</b> Biosecurity against plant viral diseases in Asia: Challenges - <b>Dr. V. Celia Chalam</b> ICAR-National Bureau of Plant Genetic Resources, New Delhi, India
	<b>Oral Presentations</b>	<b>1:</b> Indian Plant Virus Database – a platform for

	12:30 -12:50PM	showcasing research on plant viruses in India - <b>Dr. A.I. Bhat</b> , ICAR-Indian Institute of Spices Research, Kozhikode, India
	12.50 -1.10PM	<b>2:</b> Characterization of Indian peanut clump virus and development of polyclonal antisera based on recombinant coat protein - <b>Dr. Anirban Roy</b> , ICAR-IARI, New Delhi, India.
	1.10 -1.20PM	<b>3:</b> Genetic diversity of Potyvirus isolates associated with yellow mottle disease of passion fruit in North East India and standardization of robust immunodiagnosics - <b>Dr. Susheel Sharma</b>
	1.20 -1.30 PM	<b>4:</b> Ultrasensitive Detection of Geminivirus in <i>Solanum lycopersicum</i> using Bio-conjugated Gold Nanoparticles - <b>Dr .K. Kathiravan</b> , University of Madras, Chennai, India
	<b>1.30 -2.15 PM</b>	<b>Lunch Break and Poster Session</b>
<b>TEC - S.VII</b>	<b>2.15 - 3.30 PM</b>	<b>Sessions on: Young Scientist Award Contest papers</b>
<b>TEC - S.VIII</b>	<b>3.30 -6.00 PM</b>	<b>Sessions on: Host Resistance and mechanisms</b>
	<b>Lead Presentations</b>	Chairpersons: <b>Dr. V. Muniappa</b> Co-Chairmen: <b>Dr. A.T. Sadashiva</b> Rapporteurs: <b>Dr. B. Varalakshmi</b>
	3.30–3.50PM	<b>1:</b> Identification of stable sources of resistance to begomoviruses in Tomato - <b>Dr. A T Sadashiva</b> , ICAR-Indian Institute of Horticultural Research, Bengaluru, India
	3.50–4.10PM	<b>2:</b> Engineering ToLCV resistance in tomato by using multiple artificial micro RNAs - <b>Dr. M. V. Rajam</b> , University of Delhi South Campus, New Delhi, India
	4.10–4.30PM	<b>3:</b> Transcriptional response of virus-infected cassava for resistance gene mining - <b>Dr. M. N. Maruthi</b> , Natural Resources Institute, University of Greenwich, Chatham Maritime, Kent, UK.
	4.30–4.50PM	<b>4:</b> Host mechanisms governing virus resistance in plants - <b>Dr. Radhamani Anandalakshmi</b> , Mahyco Research Center, Maharashtra Hybrid Seeds Pvt Ltd, Jalna
	<b>Oral Presentation</b> 4.50–5.10pm	<b>1:</b> Isolation And Characterization Of Lytic Bacteriophages Against <i>Xanthomonas Axonopodis</i> Pv. <i>Citri</i> - <b>Dr. V.B. Nargund</b> , University of Agricultural Sciences, Dharwad, Karnataka, India
	5.10–5.20PM	<b>2:</b> Developing mungbean yellow mosaic virus (MYMV) resistant French bean var. Arka Arjun - <b>Dr. T. S. Aghora</b> , ICAR- IIHR, Bengaluru, India
	5.20–5.30PM	<b>3:</b> Screening of advanced inbred lines of ridge gourd ( <i>Luffa acutangula</i> , Roxb.) against Tomato leaf curl New Delhi virus - <b>Dr. B. Varalakshmi</b> , ICAR- Indian Institute of Horticultural Research, Bengaluru
	5.30–5.40PM	<b>4:</b> Antisense RNA-mediated silencing of coat protein gene (AV1) confers resistance against leaf curl virus in papaya - <b>Dr. Vartika Sinha</b> , University of Delhi South Campus, New Delhi, India



	5.40–5.50PM	<b>5</b> Role of Nuclear Transcription Factor Y during CMV infection in Arabidopsis thaliana - <b>Dr. Poonam Jyoti</b> , CSIR- Institute of Himalayan and Biresource Technology, Palampur, HP, India
	5.50–6.00PM	<b>6.</b> Investigation on role of Tobacco streak virus ORF 2b in virus-host interactions - <b>Daliyamol</b> , ICAR- National Bureau of Agricultural Insect Resources, Bengaluru, India
	<b>5.30 - 6.00PM</b>	<b>Tea Break &amp; Poster Presentation</b>
	<b>6.00 – 7.00PM</b>	<b>General Body Meeting</b>
	<b>7.00 -8.00 PM</b>	<b>Cultural Programme</b>
	<b>8.00 -9.00PM</b>	<b>Dinner</b>

VETERINARY VIROLOGY		SEMINAR HALL, Division of Plant Pathology
<b>TEC - S.VI</b>	<b>11.30AM-1.30PM</b>	<b>Sessions on: Genomics, Diagnosis and Molecular Characterization</b>
	<b>Lead Presentations</b>	Chair: <b>Dr. D. K. Sarma</b> Co-Chair: <b>Dr. Minakshi Prasad</b> Rapporteurs: <b>Dr. M. Makesh</b> <b>Dr. Satish B. Shivachandra</b>
	11.30 -11.50AM	<b>1:</b> Advances in diagnosis and molecular epidemiology of important emerging and re- emerging viral diseases of pigs - <b>Dr.Dilip Kumar Sarma</b> , Director, ICAR-National Research Centre on Pig, Rani, Guwahati-781131, India
	11.50 AM - 12.10PM	<b>2:</b> Persistence of Foot-and-Mouth Disease virus in cattle and buffalo - <b>Dr. B. Pattnaik</b> , ICAR-Directorate of Foot and Mouth Disease, IVRI Campus, Mukteswar, Uttarakhand, India
	12.10 -12.30PM	<b>3:</b> Traditional and contemporary approaches for diagnosis of Equine Herpesvirus 1 infection - <b>Dr. Gulati B.R.</b> , ICAR-National Research Centre on Equines, Hisar, Haryana, India
	12.30 – 12.50PM	<b>4:</b> Challenges to finfish aquaculture diversification with special reference to economically important viral diseases - <b>M. Poornima</b> ICAR-CIBA, Chennai, India
	12.50 -1.10PM	<b>5:</b> Advances in diagnosis of rabies in animals-our initiatives - <b>Dr. R. Sharada</b> , KVAFSU,Hebbal, India
	<b>Oral Presentations</b> 1.10 – 1.30 PM	<b>1:</b> Genetically distinct Carp Edema Virus (CEV) detected from koi carp, <i>Cyprinus carpio koi</i> in India. - <b>Raj Kumar</b> ICAR-National Bureau of Fish Genetic Resources, Peninsular and Marine Fish Genetic Resources Centre, CMFRI, Kochi, India
	1.30 -1.40 PM	<b>2:</b> Detection and characterization of caprine and ovine Picobirnaviruses, India - <b>Dr. Rashmi Singh</b> , U.P. Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalya, Mathura, Uttar Pradesh, India
	1.40 -1.50 PM	<b>3:</b> Cyprinid herpesvirus 2(CyHV-2) in India: Presence of a new genotype strain? - <b>T Raja Swaminathan</b> ICAR-

		National Bureau of Fish Genetic Resources, Peninsular and Marine Fish Genetic Resources Centre, CMFRI Campus, Kochi, India.
	1.50 -2.00 PM	<b>4.</b> Evaluation of Flinders Technology Associates (FTA®) cards in transportation of extended bovine semen for detection of bovine herpesvirus-1 by real-time PCR - <b>Dr. Laxmi Narayan Sarangi</b> , National Dairy Development Board Research and Development Laboratory, Hyderabad, Telangana, India
	2.00 – 2.10 PM	<b>5.</b> Antigenic typing of canine parvovirus-2 (CPV-2) by Multiplex Amplification Refractory Mutation System PCR (ARMS-PCR) by Vishal Chander, Centre for Animal Disease Research and Diagnosis, ICAR-Indian Veterinary Research Institute, Izatnagar, Bareilly, India
	<b>1.30 -2.15 PM</b>	<b>Lunch Break and Poster Session</b>
<b>TEC - S.VII</b>	<b>2.15 - 3.30 PM</b>	<b>Sessions on: Young Scientist Award Contest papers</b>
<b>TEC - S. VIII</b>	<b>3.30–6.10 PM</b>	<b>Sessions on: Vaccines and Therapeutics in Virus disease control</b>
	<b>Lead Presentations</b>	Chair: <b>Dr. A. Sanyal</b> Co-Chair: <b>Dr. Aparna Chaudhari</b> Rapporteurs: <b>Dr. S. K. Otta</b> <b>Dr. S. S. Patil</b>
	3.30 – 3.50 PM	<b>1.</b> Next Generation Veterinary Viral Vaccines - <b>Dr. A. B. Pandey</b> , Division of Virology, ICAR-Indian Veterinary Research Institute, Mukteswar Campus, Nainital, Uttarakhand, India,
	3.50 – 4.10 PM	<b>2.</b> Environmental impact assessment and pharmacokinetic studies on Shrimp DNA vaccine reveal no horizontal transfer- <b>Dr. Aparna Chaudhari</b> , CIBA Chennai, India
	4.10 – 4.30 PM	<b>3:</b> Baculovirus expression system platform: application to developing improved veterinary viral vaccines and diagnostics - <b>Dr. Madhusudan Hosamani</b> , ICAR-Indian Veterinary Research Institute, Hebbal, Bengaluru, India
	4.30 – 4.50 PM	<b>4.</b> Potential of Interferon gamma as antiviral agent in aquaculture - <b>Megha Bedekar</b> , ICAR_Central Institute of Fisheries Education, Mumbai, India
	<b>Oral Presentations:</b> 4.50-5.00 PM	<b>1.</b> Immune response studies of Interleukin-7 DNA construct in combination with FMD antigen - <b>Dr. Lijo John</b> , College of Veterinary and Animal Sciences, Pookode, Wayanad, India
	5.00 – 5.10 PM	<b>2.</b> Expression of Immunogenic VP2 protein of Infectious bursal disease virus in <i>Chlorella pyrenoidosa</i> for development of future oral vaccine - <b>Dr. Charitha Devi. M.</b> Sri Venkateswara University, Tirupati, Andhra Pradesh, India
	5.10 – 5.20 PM	<b>3.</b> Phage therapy: its application and challenges in aquaculture rearing systems - Sujeet Kumar, ICAR-Central Institute of Brackish Water Aquaculture, Chennai, India.

	5.20 – 5.30 PM	<b>4.</b> The cellular chaperone heat shock protein-90 (HSP-90) facilitates Foot-and-mouth disease viral particles assembly and a potential target for antiviral therapy - <b>Dr. DrJitendra Kumar Biswal</b> , ICAR-Directorate of FMD, Mukteswar-, Nainital, Uttarakhand, India
	5.30 – 5.40 PM	<b>5:</b> In vitro antiviral efficacy of Ribavirin on Foot and Mouth Disease virus (FMDV) replication - <b>Dr. V Bhanuprakash</b> , ICAR-Indian Veterinary Research Institute, Hebbal, Bengaluru, Karnataka, India
	5.40 – 5.50 PM	<b>6.</b> Recombinant B2L of Orf virus: a novel adjuvant enhances the immunogenicity and protective efficacy of Outer Membrane Proteins (OMPs) of Pasteurella multocida in mouse model.- <b>Dr. R. Yogisharadhya</b> , ICAR-NIVEDI, Bengaluru,India
	5.50 – 6.00 PM	<b>8.</b> Evaluation of co-administration of plasmid expressing bovine Interleukin-15 and Foot and Mouth Disease vaccine - <b>Dr. Vijay N.</b> , FMD research Laboratory, Indian Veterinary Research Institute, Hebbal, Bengaluru, India
	6.00 -6.10 PM	<b>9.</b> Production of bacteriophages for biocontrol of luminescent vibriosis in shrimp hatchery - <b>S. Avunje</b> , ICAR-Central Institute of Brackish water Aquaculture, Chennai, India.
	<b>5.30 - 6.00PM</b>	<b>Tea Break and Poster Presentation</b>
	<b>6.00 – 7.00pm</b>	<b>General Body Meeting</b>
	<b>6.30 -7.30 PM</b>	<b>Cultural Programme</b>
	<b>7.30 -8.30PM</b>	<b>Dinner</b>

**THIRD DAY: 10-12-2016**

	<b>8:30-9:00AM</b>	<b>Breakfast</b>
	<b>MEDICAL VIROLOGY</b>	<b>Committee Hall, Main Building</b>
<b>TEC - S. IX</b>	<b>9.00 -11.00am</b>	<b>Sessions on: Epidemiology and Management of Virus Diseases</b>
	<b>Lead Presentations:</b>	Chairpersons: <b>Dr. A K Bagga, Dr C G Raut</b> Rapporteurs:
	9.00-9.20AM	<b>1: Influenza yesterday and today -Prof. A K Prasad, President, IVS, New Delhi, India</b>
	9:20-9:40AM	<b>2: Non-polio enteroviruses: The unrecognized disease burden - Dr. C. DurgaRao, IISc, Bengaluru, India</b>
	9:40-10:00AM	<b>3: Operational Management of Pandemic 2009 influenza A H 1N1, Chandigarh – A success story - Dr. H. C. Gera</b>
	10:00-10:20AM	<b>4: Circulation of novel pandemic Influenza H1N1 [A(H1N1) pdm09] genogroup 6B virus during explosive 2015 outbreak in India - Dr. Paban Kumar Dash</b>
	10:20-10:40AM	<b>4: Role of Human Papillomavirus E5 in Suppression of Stromal Innate Immunity - Dr. Gaurav Raikhy, Louisiana State University Health Science Center, Shreveport, USA</b>
	<b>Oral Presentations: 10:40-10:50AM</b>	<b>1. Japanese encephalitis virus and plant products as antivirals - Deepa Srivastava</b>
	<b>11.00-11.30AM</b>	<b>Tea Break</b>

<b>PLANT VIROLOGY</b>		<b>AUDITORIUM</b>
<b>TEC - S. IX</b>	<b>9.00 -11.00AM</b>	<b>Sessions on: Epidemiology and Management of Virus Diseases</b>
	<b>Lead Presentations:</b>	Chairpersons: <b>Dr. S. J. Singh</b> Co-Chairmen: <b>Dr. A. I. Bhat</b> Rapporteurs: <b>Dr. Renuka Devi, Dr. V. Venkataravanappa</b>
	<b>9.00-9.20AM</b>	<b>1. What ails research and Education in Plant Virology - Dr. V. G. Malathi, TNAU, Coimbatore, India</b>
	<b>9.20-9.40AM</b>	<b>2. An insight into virus problems of tropical tuber Crops - Dr. Makesh kumar, T, ICAR-Central Tuber Crops Research Institute, Thriuvananthapuram, Kerala, India</b>
	<b>9.40-10.00AM</b>	<b>3. Status of viruses affecting major vegetable crops in Maharashtra and their integrated management - Dr. Savarni Tripathi, ICAR-IARI, Regional Station, Pune, India</b>
	<b>Oral Presentations: 10.00-10.10AM</b>	<b>1. Isolation and Characterization Of Lytic Bacteriophages Against Xanthomonas Axonopodis Pv. Citri (Hasse) Vauterin Et Al.-Dr. V.B. Nargund, UAS, Dharwad, India</b>
	<b>10.20-10.30AM</b>	<b>2: In vitro culture techniques for virus elimination in Liliium (Lilium Longiflorum) -Dr. Chenna Reddy Aswath, ICAR-IIHR, Hessaraghatta, Bengaluru</b>

	<b>10.30-10.40AM</b>	<b>3:</b> Identification of weed hosts as reservoirs of groundnut bud necrosis virus in tomato ecosystem by Dr. <b>Amruta S. Bhat</b> , KRCCH, Arabhavi, Karnataka, India
	<b>10.40-10.50AM</b>	<b>4:</b> RNAi-mediated resistance against Cotton leaf curl disease in elite Indian cotton ( <i>Gossypium hirsutum</i> ) cultivar by Dr. <b>Narasimh Sameena</b> , Porticos De Cupey, Puerto Rico, USA
	<b>10.50-11.00AM</b>	<b>5:</b> Emergence of Bean common mosaic virus (BCMV) in soybean [ <i>Glycine max</i> (L.) Merrill] in India –Dr. <b>T.K.S. Latha</b> , Department of Plant Pathology, Tamil Nadu Agricultural University, Coimbatore, India
	<b>11.00-11.10AM</b>	<b>6:</b> Viruses of ornamental plants transmitted by nematodes Longidoridae - <b>Dr. L. Sobita Devi</b> , Department of Plant Pathology, SHIATS, Allahabad, India
	<b>11.00-11.30AM</b>	<b>Tea Break</b>

### THIRD DAY: 10-12-2016

<b>8:30-9:00AM</b>		<b>Breakfast</b>
<b>VETERINARY VIROLOGY</b>		<b>Committee room, Office building</b>
<b>TEC - S. IX</b>	<b>9.00 -11.00AM</b>	<b>Sessions on: Epidemiology and Management of Virus Diseases</b>
	<b>Lead Presentations:</b>	Chair: <b>Dr. A. B. Pandey</b> Co-Chair: <b>Dr. Rathnamma</b> Rapporteurs: <b>Dr. V. Gnanavel</b> <b>Dr. R. Yogisharadhya</b>
	<b>9:00-9:20AM</b>	<b>1:</b> Goat pox Scenario in India and its control - <b>Dr. P. Roy</b> , Director, ICAR-National Institute of Veterinary Epidemiology and Disease Informatics, Yelahanka, Bengaluru, Karnataka, India
	<b>9:20-9:40AM</b>	<b>2:</b> Management of Viral Nervous Necrosis in Asian Seabass, <i>Latescalcarifer</i> , broodstock by <b>Dr. M. Makesh</b> , ICAR- Central Institute of Brackishwater Aquaculture, Chennai, India
	<b>9:40-10:00AM</b>	<b>3:</b> Peste des petits ruminants control programme and vaccination strategies in India - <b>Dr. V. Balamurugan</b> , ICAR-National Institute of Veterinary Epidemiology and Disease Informatics, Yelahanka, Bengaluru, Karnataka, India
	<b>10:00-10:20AM</b>	<b>4:</b> Serological evidence of widespread West Nile virus and Japanese encephalitis virus infection in native domestic ducks ( <i>Anas platyrhynchos</i> var <i>domesticus</i> ) in Kuttanad region, Kerala, India – <b>Dr. N. Mishra</b> , ICAR-National Institute of High Security Animal Diseases, Bhopal, Madhya Pradesh, India
	<b>Oral Presentations:</b> <b>10:20-10:30AM</b>	<b>1:</b> Estimation of Financial loss due to sheep and goat ox - <b>Dr. G. Govindaraj</b> , ICAR-NIVEDI, Bengaluru, India
	<b>10:30-10:40AM</b>	<b>2:</b> Outbreak investigation of Bluetongue disease during the year 2014 and 2015 in different parts Karnataka - <b>Dr. Vijay Nagaraj</b> , ICAR-NIVEDI, Bengaluru, Karnataka, India

	<b>10:50-11:00AM</b>	<b>3:</b> Molecular epidemiology of canine parvo virus in dogs by <b>Dr. Dilip kumar</b> , Department of veterinary pathology, Veterinary college, Bangalore, karnataka veterinary, animal and fisheries sciences university, Bidar, India
	<b>11.00-11.10AM</b>	<b>4:</b> DIVA vaccines and diagnostics for Peste des petits ruminants: current understandings and future perspectives by <b>Dr. D. Muthuchelvan</b> , Indian Veterinary Research Institute, Campus Mukteswar, Uttarakhand, India
		<b>5.</b> Assessment of anti rabbies vaccinal antibodies in domestic dogs and cats from different states of India by RFFIT- <b>Dr.A.K.Santosh</b> , KVASU, Bengaluru, India
	<b>11.00-11.30AM</b>	<b>Tea Break</b>
<b>TEC. S X</b>		<b>Auditorium</b>
	<b>11.30-1.00 PM</b>	<b>Sessions on: Academy, Industry and Stake holders Interactions</b>
	<b>Oral Presentation &amp; Discussion</b>	Chair: <b>Dr. P. Roy</b> Co-Chair: <b>Dr. R. Selvarajan</b> Rapporteurs: <b>Dr. D. Muthuchelvan</b> <b>Dr. T. Makesh Kumar</b>
		<b>1:</b> Dr. T. V. S. Rao, Brilliant Bio-Pharma Ltd
		<b>2:</b> Dr. S. S. Patil, ICAR-NIVEDI
		<b>3:</b> <b>Dr. Jitendra Prakash</b> , In Vitro International Pvt. Ltd
		<b>4:</b> Annadanam Seetharam, Syngenta, Hyderabad
		<b>5:</b> <b>Dr. K. Narayanan</b> , Former, Head- Division of Entomology & Nematology, IIHR, Bangalore
	<b>1:00-2:00PM</b>	<b>Lunch</b>
<b>TEC S XI</b>	<b>2.00-3.00PM</b>	<b>Valedictory function</b>