

Program Schedule – VIROCON 2025

Day 1 – 08/12/2025

Theme: One Health and Pandemic Preparedness (Hall 1) Day 1 – 08/12/2025	
Session I	
Chairs: Dr. Devendra T Mourya & Dr. Paban Kumar Dash	
Time	Speakers & Title of talk
09:00-10:00	Oral Presentations: OP1 to OP6
10:00-10:25	Keynote Talk 1: Dr. Nivedita Gupta Overview of the National One Health Mission
10:25-10:40	Lead Lecture 1: Dr. Manmohan Parida Biodefence Preparedness: Indian Perspective Lesson Learned from COVID-19 Pandemic
10:40-10:55	Lead Lecture 2: Dr. Ashwin Raut Deciphering the molecular pathogenesis of avian influenza in avian species: A multiomics approach
10:55-11:10	Tea break & Poster viewing: P01 – P60
11:10-11:35	Keynote Talk 2: Lt. Gen. (Dr.) Velu Nair (Retd.) One Health: Its scope and challenges
11:35-11:50	Lead Lecture 3: Dr. Aniket Sanyal One Health in action: NISHAD's pivotal role in preventing transboundary animal diseases
11:50-12:05	Lead Lecture 4: Dr. Atanu Basu From discovery to defence: NIV's EM unit in tracking new viral threats
12:05-13:05	Oral Presentations: OP7 to OP11
13:05-13:30	Panel Discussion: Pandemic preparedness & response: Challenges & Solutions Dr. Sindura Ganapathi, Dr. Devendra T Mourya, Dr. Nivedita Gupta & Dr. Himanshu Chauhan
13.30-14:15	Lunch & Poster viewing
Session II	
Chairs: Dr. Akhilles C Mishra & Dr. Manju Rahi	
14:15-15:00	Oral Presentations: OP12 to OP15
15:00-15:15	Lead Lecture 5: Dr. Gajanan Sapkal Virus Research and Diagnostic Laboratories (VRDLs): An overview
15:15-15:30	Lead Lecture 6: Dr. V. Balamurugan Eradication of Peste des Petits Ruminants in India: Current Status, Insights, and Future Roadmap
15:30-15:45	Lead Lecture 7: Dr. Paban Kumar Dash Detection and Verification of high risk viral agents from Biodefence perspective
16:00-16:15	Tea break
16:15-17:05	Oral Presentations: OP16 to OP20
17:05-18:00	Poster Viewing Session: P61 – P120
18:00-18:30	Inaugural address: Organizing Secretary, VIROCON 2025 and Secretary DHR & DG ICMR
18:30-19:30	IVS Activities
19:30-21:00	Dinner

Theme: Development of Countermeasures (Hall 2) Day 1 – 08/12/2025	
Session I Chairs: Prof. Radha Kanta Ratho & Dr. Srikanth Tripathy	
Time	Speakers & Title of talk
09:00-10:00	Oral Presentations: DC1 to DC5
10:00-10:25	Keynote Talk 1: Dr. Bhupendra Nath Tripathi Innovation in Action: Tracing the path to the world's first DIVA marker LSD vaccine from India
10:25-10:40	Lead Lecture 1: Dr. Sonalika Mahajan CRISPR-Cas based diagnostics for veterinary viruses: Accelerating field detection of veterinary pathogens
10:40-10:55	Lead Lecture 2: Dr. Madhu Mohanty Unravelling Long COVID: Immune Response Dynamics and Biomarker Signatures of persistent Post-Acute Sequelae
10:55-11:10	Tea Break & Poster viewing: P01 – P60
11:10-11:35	Keynote Talk 2: Dr. Easwaran Sreekumar Antiviral development against emerging viruses: Surrogate virus systems for screening entry inhibitors
11:35-11:50	Lead Lecture 3: Dr. Soma Chattopadhyay Development of anti-viral molecules against chikungunya and other emerging viruses
11:50-12:05	Lead Lecture 4: Dr. Venkateswarlu Chamcha From bench to bedside: Advancing drug and vaccine innovation in global pharma
12:05-13:05	Oral Presentations: DC6 to DC11
13:05-13:30	Panel Discussion: Development of countermeasures: Innovations for response Dr. Akhilles C Mishra, Dr. Vidya A Arankale & Dr. Manju Rahi
13:30-14:15	Lunch & Poster viewing
Session II Chairs: Dr. Sheela Godbole & Dr. Vidya A Arankalle	
14:15-15:15	Oral Presentations: DC12 to DC17
15:15-15:30	Lead Lecture 5: Dr. Gaurav Batra Why we still miss dengue: The diagnostic gaps we can close now
15:30-15:45	Lead Lecture 6: Dr. Manoj Kumar Artificial intelligence and machine learning driven antiviral drug discovery and repurposing for dengue virus
15:45-16:00	Tea Break
16:00-16:25	Keynote Talk 3: Dr. Suresh Kuchipudi Emerging host and tissue tropism of highly pathogenic avian influenza H5N1 clade 2.3.4.4b viruses
16:25-17:00	Oral Presentations: DC18 to DC19
17:05-18:00	Poster Viewing Session: P61 – P120
18:00-18:30	Inaugural address: Organizing Secretary, VIROCON 2025 and Secretary DHR & DG ICMR
18:30-19:30	IVS Activities
19:30-21:00	Dinner

Theme: Basic Virology (Hall 3) Day 1 – 08/12/2025	
Session I Chairs: Dr. V Stalin Raj & Dr. Sweety Samal	
Time	Speakers & Title of talk
09:00-10:00	Oral Presentations: BV1 to BV5
10:00-10:25	Keynote Talk 1: Dr. Murali Krishna Kaja Human immunity to dengue in India
10:25-10:40	Lead Lecture 1: Dr. Sujatha Sunil It's a small small world! microRNAs, Viruses and Pathogenesis
10:40-10:55	Lead Lecture 2: Dr. John B. Johnson Molecular and functional landscape of complement evasion by Chandipura virus
10:55-11:10	Tea Break & Poster viewing: P01 – P60
11:10-11:25	Lead Lecture 3: Dr. Vijay Bondre Accelerating antiviral discovery for neglected neurotropic viruses through strategic repurposing of broad-spectrum drugs
11:25-11:40	Lead Lecture 4: Dr. Nishi Raj Sharma Strategies and mechanisms of a DNA and RNA virus against cytoplasmic antiviral RNA granules
11:40-13:00	Oral Presentations: BV6 to BV11
13:00-13:30	Panel Discussion: Basic virology for cutting-edge research and development Dr. Shashank Tripathi, Dr. Easwaran Sreekumar, Prof. Radha Kanta Ratho & Dr. Deepak Gadkari
13:30-14:15	Lunch & Poster viewing
Session II Chairs: Dr. Murali Krishna Kaja & Dr. Ashok K Bagga	
14:30-14:45	Lead Lecture 5: Dr. Mamta Chawla Sarkar Host–Pathogen Tug-of-War: Rotavirus hijacks host cellular Glutamine metabolism pathway to facilitate its replication
14:45-16:00	Oral Presentations: BV12 to BV18
16:00-16:15	Tea Break
16:15-17:05	Oral Presentations: BV19 to BV23
17:05-18:00	Poster Viewing Session: P61 – P120
18:00-18:30	Inaugural address: Organizing Secretary, VIROCON 2025 and Secretary DHR & DG ICMR
18:30-19:30	IVS Activities
19:30-21:00	Dinner