



Asia-Pacific Forum on RNA Therapeutics and Vaccines

Date: 25 September, 2026 Venue: CS-Auditorium, SAU, New Delhi
Email: apftrvconference@gmail.com Visit: www.onehealth-in.org/apftrv-conference-2
ORGANIZED BY: ONE HEALTH INDIA ORGANIZATION (OHIO) & FLSB, SOUTH ASIAN UNIVERSITY, NEW DELHI



Scientific Program

25th September, 2026 (Friday)

Theme: "Advancing RNA Science from Bench to Population Impact"

6:00-07.00	BBIFCC CANCER AWARENESS WALKETHON	Organized by BBIF Cancer Care & South Asian University
7:00-07.30	200 METER RUN COMPETITION	
8.30-09.30	Registration	
09:30-09:35	Welcome address, about the conference	Dr. Birendra Kr. Yadav, BBIFCC (Convener and Chief Organizing Secretary) Dr Yuba Raj Pokheral, SAU (Co-convener and Organizing Secretary) Dr. Sonam Dhamija (Convenor)
09:35-09:40	lamp lightening	Dr. Birendra Kr. Yadav, BBIFCC (Convener and Chief Organizing Secretary) Dr Yuba Raj Pokheral, SAU (Co-convener and Organizing Secretary) Dr. Sonam Dhamija (Convenor) Prof. Rinkoo Devi Gupta, Dean, FLSB, SAU Prof. Ritu Gaur, Vice President, SAU Prof. Kapil Sharma Vice President, SAU Prof. Sudhanshu Vrat, Former Executive Director at Regional Centre for Biotechnology Prof. (Dr) K.K. Pandey, Ex. Sr. Prof. & HOD FoAy, IMS BHU, BBIFCC Fellow & Advisor

		Dr. Neeta Kumar Scientist F , India council of Medical Research , New Delhi
09:40-09:48	Inaugural Address	Prof. Kapil Sharma Vice President, SAU
	Address by Guest of Honor	Prof. Ritu Gaur, Vice President, SAU
	Address by Guest of Honor	Prof. Rinkoo Devi Gupta, Dean, FLSB, SAU
09:48-09:55	Address by Chief Guest	Dr. Neeta Kumar Scientist F , India council of Medical Research , New Delhi
09:55-10:00	Vote of thanks and abstract book release	Prof. (Dr) K.K. Pandey,Ex. Sr. Prof. & HOD FoAy, IMS BHU , BBIFCC Fellow & Advisor
Session	Special Talk & Keynote	Chairpersons : Prof. (Dr) K.K. Pandey Dr. Birendra Kr. Yadav
10:00–10:25	From Bench to Public Health: What Can We Learn from India's Vaccine Development Journey?	Prof. Sudhanshu Vratl, Former Executive Director at Regional Centre for Biotechnology
10:25–10:45	CpG Depletion in RNA Viruses: A Strategy to Hide in Plain Sight	Prof. Vivekanandan Perumal, IIT Delhi
10:45–11:15 ☕ Tea & Networking Break		
SESSION I: 11:15–12:00	RNA Biology, Infection & Immunity	Chairpersons: Prof. Sudhanshu Vratl Dr. Bhupendra Kumar Verma
11:15-11:35	Reading and Rewriting the Functional Code of RNA: From Structure to Mechanism	Dr. Niyati Jain Ashoka University
11:35-11:55	Rapid and Sensitive RNA-Based Detection of Measles and Rubella Using LAMP- CRISPR/Cas Technology: A Novel Diagnostic Approach	Dr. Yuba Raj Pokharel, Prof. South Asian University
12:00-12:20	Unravelling the Role of tRNA Fragments in Dengue Virus Pathogenesis	Dr. Bhupendra Kumar Verma AIIMS, New Delhi

SESSION 2: 12:20–13:10	RNA Biology, Infection & Immunity	Dr. Yuba Raj Pokharel Dr. Ajay K Yadav
12:20-12:40	Revolutionizing Pandemic Response: Harnessing the Power of mRNA Technology to Achieve the 100-Day Mission for Vaccine Development	Dr. Arun Kumar Coalition for Epidemic Preparedness Innovations (CEPI), Oslo, Norway
12:40-13:00	Synergistic Silencing of Influenza A Virus Matrix Protein Expression Using a Dual-Function siRNA–Ribozyme Chimeric RNA	Dr. Madhu Khanna VPCI, University of Delhi, India
13:00-13:20	Role of Ayurveda in RNA Science	Prof. (Vd.) Parul Anil Kumar Joshi, MRIAS/Parul University , Gujarat
13:20-14:20	Lunch, Poster Presentation & Exhibition	Poster Viewing • Poster Judging • Networking • Exhibition
SESSION 3: 14:20–15:30 Medicine	RNA Therapeutics & Precision	Chairpersons: Dr. Mukesh Nandave Prof. Rinkoo Devi Gupta,
14:20-14:40	Targeting Deubiquitinating Enzymes with siRNA to Decipher Glioma Resistance	Dr. Ajay K. Yadav ACBR, University of Delhi
14:40 –15:00	RNA Therapeutics in Rheumatology	Dr. Niket Verma AIIMS-CAPFIMS, New Delhi
15:00-15:20	Graph-Theoretic and Petri Net Based Modeling of RNA–Protein Interaction Networks	Dr. Gajendra Singh, JNU
15:20-15:40	RNA-Binding Protein HuR Drives Glycolytic Reprogramming in Triple-Negative Breast Cancer: A Novel Therapeutic Avenue	Dr. Chandra Prakash Prasad , AIIMS , New Delhi
15:40- 16:10	Young Researchers: Oral Presentations	Chairpersons: Dr. Kavita Arrora Dr. Sonam Dhamija
15:40-15:48	Dengue Virus-Induced lncRNA Landscape Reveals Molecular Signatures	Preeti Sohkhali, AIIMS, New Delhi

	of Impaired Megakaryopoiesis	
15:48-15:56	Inhibition of HepG2, DU-145, and MCF-7 Cell Lines by Thiosemicarbazone Derivatives (A3, A5, and A8)	Amit Sarder, FLSB, SAU
15:56-16:04	Differential tRNA Fragmentation During Dengue Virus Infection: functional investigation of tRFs that modulate DENV replication and PI3K/Akt signaling	Sushant Phadnis, AIIMS, New Delhi
16:10-17:00	Panel Discussion: The Future of RNA-Based Vaccines & Therapeutics in India	Moderator Dr. Yuba Raj Pokharel, Prof. South Asian University Panelist : Dr. Ajay Yadav, ACBR Dr. Madhu Khanna, VPCI Dr. Arun Kumar, CEPI, Norway Dr. Gajendra Singh, JNU Dr. Bhupendra Kumar Verma
17:00–17:30	★ VALEDICTORY FUNCTION & AWARDS	Award , Reel competition award • Vote of Thanks
17:30	BBIF CANCER CARE : RANG-E-ZINDAGI <i>An Evening of Culture, Hope & Cancer Awareness</i> Celebrating Life • Spreading Awareness • Inspiring Hope	Open to All