

4th ARUMDA SYMPOSIUM

PROGRAMME • 13–14 OCTOBER 2026

(Tentative Schedule)

DAY 1 • TUESDAY, 13 OCTOBER 2026

Time (IST)	Program/Title of Talk	Speakers
09:00 – 09:15	REGISTRATION / WELCOME COFFEE	
09:15 – 09:30	Opening Remarks	Prof. Jayaram Chengalur, Director, TIFR Prof. M. Krishnamurthy, Center Director, TIFRH Prof. Ullas Kolthur & Prof. Mahendra Sonawane, ARUMDA Coordinators
SESSION 1		
09:30 – 09:55	Breaking the intergenerational transmission of NCDs - the Healthy Life Trajectories Initiative	Dr. Kalyanaraman Kumaran (University of Southampton & Epidemiology Research Unit, CSI Holdsworth Memorial Hospital)
09:55 – 10:20	<i>Invited Talk</i>	Dr. Krishnaveni GV (Epidemiology Research Unit, CSI Holdsworth Memorial Hospital)
10:20 – 10:45	Undernutrition and the road to Type 5 Diabetes Mellitus: Insights, pathogenesis and what it is all about	Dr. Nihal Thomas (CMC Vellore)
10:45 – 11:10	<i>Invited Talk</i>	Dr. Deepak Saini (IISc)
11:10 – 11:25	TEA / COFFEE BREAK	
11:25 – 11:50	Cytokine fingerprint as correlates of metabolic health: A sex-specific cross-sectional analysis	Dr. Tandrika Chattopadhyay (DRILS)
11:50 – 12:10	Overview of Dervan Cohort & key findings	Dr. Suvarna Patil (BKL Walawalkar Rural Hospital)
12:10 – 12:30	<i>Invited Talk</i>	Dr. Analabha Basu (NIBMG- Kalyani)
12:30 – 12:40	Metallomics insights from Dervan Cohort	Dr. Shagun (ARUMDA-TIFR)
12:40 – 13:00	Decoding the universal chemical equation of aging	Dr. Gaurav Ahuja (IIIT Delhi)
13:00 – 14:00	LUNCH	
13:45 – 15:00	ARUMDA Scientific Advisory Board (SAB) Meeting	The Poster Session – will be held in the <i>Atrium</i> (ground floor)
SESSION 2		
15:00 – 15:25	Infant Growth Failure	Dr. Ranadip Chowdhury (Society for Applied Studies, New Delhi)
15:25 – 15:50	Building the evidence base for intergenerational and multidimensional outcomes: Cohorts at the PHFI-Centre for Developmental and Lifecourse Research	Dr. Deepa R (PHFI-CDLR)
15:50 – 16:15	Beyond cholesterol storage: new functions for cholesteryl esters in immunity and cell biology	Dr. Siddhesh Kamat (IISER Pune)
16:15 – 16:30	TEA / COFFEE BREAK	
16:30 – 17:30	Panel Discussion	Moderator: Dr. Vishwajeet Kumar (CEL, Lucknow) Panelists: Dr. Gagandeep Kang (Bill & Melinda Gates Foundation) Dr. Vinod K. Paul (Former member NITI Aayog) Dr. M. Srinivas (NITI Aayog) Dr. Bharati Kulkarni (ICMR-NIN)
END OF DAY 1		

DAY 2 • WEDNESDAY, 14 OCTOBER 2026

Time (IST)	Program/Title of Talk	Speakers
SESSION 3		
09:00 – 09:25	DoHaD paradigm: Time to shift from fatalism to mitigation	Dr. Vandana Jain (AIIMS New Delhi)
09:25 – 09:50	<i>Invited Talk</i>	Mrs. Aarti Kumar & Dr. Vishwajeet Kumar (CEL, Lucknow)
09:50 – 10:15	Overview and Insights of MALED Cohort	Dr. Beena Koshy (CMC Vellore)
10:15 – 10:25	MALED Cohort - Insights into double burden of malnutrition	Dr. Birsen Yilmaz (ARUMDA-TIFR)
10:25 – 10:50	The public health implications of prematurity and growth trajectories of SGA and LGA babies	Dr. Sarah Mathai (CMC Vellore)
10:50 – 11:10	Decoding immune cell GPCR signaling at the interface of obesity and insulin resistance	Dr. Sai P Pydi
11:10 – 11:30	TEA / COFFEE BREAK	
11:30 – 11:55	Stable isotope techniques in nutrition and metabolism	Dr. Thomas Preston (University of Glasgow, UK)
11:55 – 12:15	An ecosystem perspective on human gut microbiome	Dr. K. Venkatesh (ICMR-NIN)
12.15 – 12.40	Assessing lactation performance using stable isotope techniques	Dr. Pratibha Dwarkanath (SJRI)
12:40 – 12:55	Micronutrient dose-response trials in rural Bangladesh: Background and features	Dr. Sulagna Bandyopadhyay (Johns Hopkins Bloomberg School of Public Health)
13:00 – 14:00	LUNCH	
SESSION 4		
14:00 – 14:25	Results from the body composition study in normoglycemic individuals at CMC Vellore	Dr. Felix Jebasingh (CMC Vellore)
14:25 – 14:50	Compensatory respiratory bypass in bacterial metabolism	Dr. Amitesh Anand (TIFR Mumbai)
14:50 – 15:15	Role of vitamin D in muscle regeneration	Dr. Aneesh Kumar A.G. (NII Delhi)
15:15 – 15:40	Fasting: Healthy vs. Obese; A natural pathway of unnatural chaos	Dr. Prosenjit Mandal (IISER Berhampur)
15:40 – 16:00	Understanding human immune heterogeneity – extending the toolkit with immune organoids and novel probes	Dr. Venkata Vamsee Aditya Mallajosyula (NCBS)
16:00 – 16:20	TEA / COFFEE BREAK	
16:20 – 16:40	Lipids assemble the machines that set a vesicle's fusion fate and a liver cell's metabolic state	Dr. Aniruddha Panda (TIFRH)
16:40 – 17:00	<i>Invited Talk</i>	Dr. Govind K Makharia (AIIMS New Delhi)
17:00 – 17:05	Closing Remarks	Prof. Ullas Kolthur & Prof. Mahendra Sonawane, ARUMDA Coordinators
END OF DAY 2		