

Program Schedule: Global Immunology Summit-2026

Institute of Life Sciences, Bhubaneswar

□ Day 1: 19th January 2026, Monday

GIS-2026 Inauguration

Venue: ILS Auditorium

09:00 - 09:30	Chief Guest: Dr. Sanghamitra Pati Invited Guests: Dr. B. Ravindran, Prof. N. K. Mehra, Prof. G. C. Kundu, Prof. J. Dandapat Patrons: Dr. Debasis Dash, Dr. G Karthikeyan, Dr. Srinivas Patnaik. Convenor: Dr. Sunil K. Raghav Co-Convenor: Dr. Bhawna Gupta	09:00 - 09:05 Conference Inauguration, Lamp lighting 09:05 - 09:10 Welcome address, Dr. Debasis Dash 09:10 - 09:15 Inaugural address, Dr. Sanghamitra Pati 09:15 - 09:20 Welcome address, Dr. Srinivas Patnaik 09:20 - 09:25 GIS Journey, Dr. Amit Awasthi & Dr. Deepak Kumar Rathore 09:25 - 09:30 GIS-26, Dr. Sunil K. Raghav Vote of thanks, Dr. Bhawna Gupta
Theme	Session-1: Autoimmune Disorders & Inflammation	Talk Title
Chairpersons:	Dr. B. Ravindran & Prof. N. K. Mehra	
Keynote Talk (30+5 Mins): 09:30 – 10:05	Dr. Vijay Kumar Kuchroo, Harvard, USA	Dark Kinases as Checkpoint molecules that regulate induction of anti-tumor immunity
10:05 – 10:25 (15+5 Mins)	Dr. Maheswara Reddy Emani, GenenTech, USA	Predictive <i>in vitro</i> profiling of LNP-induced innate immune response using an iPSC-derived monocyte model
10:25 – 10:45	Dr. Dipayan Rudra, ShanghaiTech University, China	Novel Insights on Regulatory T cell Mediated Tumor Immune Tolerance
10:45 – 11:05	Dr. Pragyan Acharya, AIIMS, Delhi	Lipid–Immune Crosstalk as a Driver of Dysregulated Inflammation in Acute-on-Chronic Liver Failure
11:05 – 11:10	Q/A for Students (Dr. Avinash Bajaj, Prof. Avinash Sonawane)	
11:10 – 11:25	☕Tea Break & Networking	Ground floor & Front Lawn of Auditorium Building
Chairpersons	Prof. J. Dandapat & Prof. G.C. Kundu	
11:25 – 11:45	Dr. Lionel J. Apetoh, Indiana University, USA	Molecular regulation of T _H 9 cell differentiation and anticancer properties

11:45 – 12:05	Dr. Rupesh K. Srivastava, AIIMS Delhi	Harnessing the “Gut-Immune-Bone axis” as a novel Immunoprotective strategy in enhancing Bone-Health in Post-Menopausal Osteoporosis
12:05 – 12:25	Dr. Amit Awasthi, THSTI, Delhi	Ionic immune regulation limits intestinal inflammation by promoting cholic acid-mediated IL-10 induction
12:25 – 12:45	Robert Balderas, BD Biosciences	A proteomic and transcriptomic assessment of innate and adaptive responses from normal human PBMCs
12:45 - 12:55 (8+2 mins)	Delegate Faculty Talk: Dr. Zaigham Abbas Rizvi, THSTI, Faridabad	Long-Term Systemic Sequelae of SARS-CoV-2: A Multi-Omics Analysis of Neuroinvasion and Extrapulmonary Pathology in Longitudinal Animal Models
12:55 – 13:05	Q/A for Students (Dr. Avinash Bajaj, Dr. Pragyan Acharya)	
13:05 – 14:00	<input type="checkbox"/> Lunch Break and Poster discussions	ILS Central Lawn & G+5 building ground floor
Theme	Session-2: Infectious Diseases & Host Immunity	Talk Title
Chairpersons:	Dr. Narottam Acharya & Dr. Satish Devdas	
Keynote talk (30+5 Mins): 14:00 – 14:35	Dr. David A Hafler, Yale University, USA	Host Genetic Architecture between Epstein–Barr Virus Activity and Multiple Sclerosis Reveals Shared Pathways
14:35 – 14:55	Dr. Imroze Khan, Ashoka University, Delhi	Viewing Immunity in the context of Ageing and Evolution
14:55 – 15:15	Dr. Hiyaa Ghosh, NCBS, Bangalore	Microglial diversity: Do specific subtypes respond to specialized need?
15:15 – 15:35	Prof. Avinash Sonawane, IIT Indore	TRPV4 ion channel exerts differential immunoprotective response in host cells during early and late infection phase of <i>Mycobacterium tuberculosis</i> infection
15:35 – 15:55	Dr. Subhasis Chattopadhyay, NISER, BBSR	Cell Mediated Immune Regulation during Chikungunya Virus (CHIKV) Infection, Experimental Immune Suppression and Cancer Immunity
15:55 – 16:00	Q/A for Students (Prof. Himanshu Kumar, Dr. Gaurav Sharma)	
16:00 – 16:15	<input type="checkbox"/> Tea Break & Networking	Ground floor & Front Lawn of Auditorium Building
16:15 - 16:45	<input type="checkbox"/> Poster session & Assessment	G+5 building ground floor
Chairpersons:	Dr. Sunil K. Raghav & Dr. Debasis Dash	
Keynote talk (30+5 Mins): 16:45 – 17:20	Dr. Riitta Lahesmaa, BTK, Finland	Regulation of human T cell response
17:20 - 17:40	Dr. Prafullakumar Tailor, NII, Delhi	Decoding the specificity within Interferon regulatory factors in dendritic cell differentiation and innate immunity

17:40 - 18:00	Dr. Rajiv Kumar, BHU, Varanasi	Characterization of Cytotoxic CD4+ T Cells in Visceral Leishmaniasis Patients
18:00 - 18:20	Dr. Santosh Chauhan, CCMB, Hyderabad	Mechanism of innate immune responses
18:20 - 18:40	Dr. Gaurav Sharma, PGIMER, Chandigarh	Diversity of Killer-cell Immunoglobulin like Receptors Influence Graft vs Host disease after Hematopoietic Stem Cell Transplantation
18:40 - 18:45	Q/A for Students (Prof. Himanshu Kumar, Dr. Rupesh Srivastava)	
18:45 - 18:52	Sponsor Talk	Promotional talk
18:52 - 19:00	Sponsor Talk	Promotional talk
19:00 onwards	Cultural Program & Dinner	ILS Central Lawn

□ Day 2: 20th January 2026, Tuesday

Theme	Session-3: Immunogenomics & Immunometabolism	Talk Title
Chairpersons:	Dr. Dipayan Rudra & Dr. Devinder Sehgal	
Keynote talk (30+5 Mins): 09:00-09:35	Dr. Bart Everts, Leiden University Medical Center	Regulating the regulators: how nutrient sensors control dendritic cell-driven tolerance
09:35 - 09:55	Dr. Nimesh Gupta, NII, Delhi	Gut Metabolite Shape Antibody Quality By Impairing Tfh-B Cell Collaboration
09:55 - 10:15	Dr. Ranjan Nanda, ICGEB, Delhi	Tango of Host Amino Acid Metabolism and <i>Mycobacterium tuberculosis</i> Infection
10:15 -10:35	Prof. Kushagra Bansal, JNCASR, Bangalore	Regulators of genome superstructure in the immune system
10:35 - 10:55	Prof. Himanshu Kumar, IISER Bhopal	Immunometabolic role of PANK4 in regulation of TLR7/9-mediated innate immunity
10:55 - 11:15	Dr. Avinash Bajaj, RCB, Faridabad	Metabolite-mediated Regulation of Immunoproteasome Steers the Chemotherapy Response in Hot and Cold Tumour Microenvironment
11:15 - 11:35	Dr. Sunil K. Raghav, ILS, Bhubaneswar	Nuclear Receptor co-repressors NCOR1 & SMRT fine-tune Immune-tolerance and inflammation
11:35 - 11:40	Q/A for Students (Dr. Savneet Kaur, Dr. Rajiv Kumar)	
11:40 - 12:00	☕Tea Break & Group Photo	Ground floor & Front Lawn of Auditorium Building

Theme	Session-4: Clinical and Translational Immunology	Talk Title
Chairpersons:	Prof. Hans-Acha Orbea & Dr. Sunil K. Raghav	
Keynote talk (30+5 Mins): 12:00: 12:35	Prof. Bart Deplancke, EPFL, Lausanne	Online Talk: Bridging Morphology and Transcriptomics in Immunology through Single-Cell Phenomics
12:35 – 12:55	Dr. Savneet Kaur, ILBS, Delhi	Disruption of Mesenteric Lymph Node Immune Surveillance Drives Bacterial Infections in Advanced Liver Disease
12:55 - 13:15	Dr. Chandrashekara. S, ChanRe Centre, Bangalore	Precision medicine in Autoimmune rheumatic disease- need an integrated approach
13:15 - 13:25	Delegate Faculty Talk: Dr. Vandana D. Pradhan, NIIH, Mumbai	IFN levels and IFN signature identify patient subsets with distinct clinical and immunological characteristics in SLE
13:25 - 13:30	Q/A for Students (Dr. Punit Prasad, Prof. Kushagra Bansal)	
13:30-14:30	<input type="checkbox"/> Lunch Break and Poster discussions	ILS Central Lawn & Ground floor of G+5 building
Chairperson	Dr. Sunil K. Arora & Prof. Gaurishankar Sa	
Keynote Talk (30+5 Mins): 14:30 – 15:05	Prof. Wilfried Ellmeier, Medical University of Vienna	Online talk: Histone deacetylases and the control of CD4⁺ T cell-mediated immunity
15:05 – 15:25	Dr. Girdhari Lal, NCCS, Pune	NK-1R signaling restrains Foxp3+ Treg differentiation and function during gut inflammation and autoimmunity
15:25 – 15:45	Dr. Brian Hafler, USA	Single-cell analysis identifies shared inflammatory glial states across neurodegenerative central nervous system diseases
15:45 - 16:05	Dr. Devinder Sehgal, NII, Delhi	SPD_1629 Mediates Uracil Uptake and Is Required for <i>Streptococcus pneumoniae</i> Fitness and Virulence In Vivo
16:05 – 16:10	Q/A for Students (Dr. Ranjan Nanda, Dr. Nimesh Gupta)	
16:10 – 16:25	<input type="checkbox"/> Tea Break	Ground floor & Front Lawn of Auditorium Building
16:25 - 17:20	<input type="checkbox"/> Poster Session & Assessment	G+5 building ground floor
17:20 - 17:40	Dr. Sumit Kumar Hira, University of Burdwan, West Bengal	Breaking the Metabolic Lock: Sphingolipid-Driven T Cell Exhaustion in Immunotherapy-Resistant Colorectal Cancer
17:40 – 18:00	Dr. Sunil K. Arora, PGIMER, Chandigarh	Checkpoint molecules an evasion mechanism in HIV-Mtb co-infection
18:00 – 18:20	Dr. Mahaboob Khan Rasool, VIT, Vellore	IL-17A signalling blockade: A powerful therapeutic modality to combat rheumatoid arthritis and psoriasis.

18:20 - 18:30	Delegate Faculty Talk: Dr. Ravi Verma, JNU, Delhi	Unravelling Mucosal Immunity–Microbiota Interactions: From Host Defence to Beneficial Symbiosis
18:30 - 18:40	Delegate Faculty Talk: Dr. Deepak Kumar Rathore, THSTI, Faridabad	Immune Protection After Quadrivalent Influenza Vaccination Among Elderly Indians
18:40 – 18:47	Sponsor Talk	Promotional talk
18:47 - 18:55	Sponsor Talk	Promotional talk
18:55 onwards	Bus transportation to Padmaja Hotel	
19:00 onwards	✨大方 Gala Dinner @ Padmaja Hotel Rooftop	Padmaja Hotel, Niladri Vihar

□ Day 3: 21st January 2026, Wednesday

Theme	Session-5: Immunotherapy & Technical advancements	Talk Title
Chairpersons:	Dr. Satish Devdas & Dr. Shantibhusan Senapati	
Keynote talk (30+5 Mins): 09:00 – 09:35	Prof. Gaurisankar Sa, Bose Institute, Kolkata	Cancer immunotherapy and beyond
09:35 – 09:55	Prof. Dipankar Nandi, IISc Bangalore	Interferon-gamma-induced nitric oxide responses: Yes to NO!
09:55 – 10:15	Prof. Atul Johri, JNU, Delhi	Use of reverse vaccinology approach for the development of vaccine against <i>Streptococcus pyogenes</i> infections
10:15 – 10:35	Dr. Syed M. Faisal, NIAB, Hyderabad	Bridging Innate and Adaptive Immunity: Next-Generation Adjuvants for Veterinary Vaccines
10:35 - 10:45	Delegate Faculty Talk: Dr. Pijus Barman, Mahindra University, Hyderabad	Impact of aging on monocyte function and breast cancer progression
10:45 - 10:50	Q/A for Students (Dr. Sumit Kumar Hira, Dr. Punit Prasad)	
	Student Talk Judges: Prof. Atul Johri, Prof. Dipankar Nandi, Prof. GauriSankar Sa, Dr. Satish Devdas	
10:50 – 11:00	Student Talk 1: Sarwareddy Kartik Kumar, AHERF, Hyderabad	Harnessing Tumor-Derived Extracellular Vesicle-Primed Dendritic Cell Exosomes for both Immunogenic and Cytotoxic Targeting of Oral Squamous Cell Carcinoma

11:00 – 11:10	Student Talk 2: Amlan Priyadarshree Mohapatra, ILS, Bhubaneswar	The heterogeneity in normal pancreatic fibroblasts and its implication in CAFs mediated tumor immune-modulation and pancreatic cancer progression
11:10 – 11:20	Student Talk 3: Mohammad Kadivella, NIAB, Hyderabad	From Structure to Immunity: Characterizing <i>Leptospira</i> FlaB as a Potent Vaccine Adjuvant
11:20 – 11:30	Student talk 4: Subhasish Prusty, ILS, BBSR	Hsp16.3ΔC4, a C-terminal truncated mutant, confers strong cellular and humoral immunity against pulmonary tuberculosis
11:30 – 11:40	Student talk 5: Parnika Sahoo, IISER Tiruvananthapuram	Co-option of the host ACVR1-iron axis drives iron remodelling and enables a permissive niche for <i>Toxoplasma gondii</i> replication
11:40 – 11:50	Student talk 6: Pranati Sar, Silver Oak Inst. of Science, Ahmedabad, Gujarat	Host Genetic and Epigenetic Regulation of MHC-II as a Predictor of Malaria Clinical Outcomes
11:50 - 12:00	Student talk 7: Agalya Vanamudhu, ICMR-NIRT, Chennai	Profiling Complement Proteins in Pediatric Cases of Tuberculosis and SARS-CoV-2 Seropositivity
12:00 - 12:10	Student talk 8: Anand Kumar Keshri, IIT-Mandi, HP	Hyperactivated CCR5 ⁺ Neutrophils Drive Gastric Inflammation and Epithelial Injury in <i>Helicobacter pylori</i> Infection
12:10 – 12:17	Sponsor talk	Promotional talk
12:17 – 13:00	<input type="checkbox"/> Valedictory function and Award Ceremony	Travel Awards (6), Poster Awards (10), Oral Presentation Young Scientist Awards (3)
13:00 – 14:00	<input type="checkbox"/> Lunch	ILS Central Lawn
14:00 Onwards	<input type="checkbox"/> Buses to Konark & Puri for interested Delegates / & Invited speakers	Outside ILS (Buses will leave at 14:15h)