

**XIVth Annual Conference of
Indian Academy of Biomedical Sciences ([IABSCON-2026](#))
Advancements in Research and Technology for Health (ARTH 2026)
24-26th March, 2026
Organized by: BITS Pilani, K K Birla Goa Campus & IIT Goa, India**



SCHEDULE

DAY 1 (24th MARCH 2026)

Registrations: 8:30 am Onwards

| Time/Venue | Session/ | Speaker | Title |
|---|---|--|---|
| 09:00–11:15 Auditorium <i>Inauguration</i> | Chairs: Dr. Suman Kundu & Dr. Lindsay Brown | Drs. Umesh Kapil, Hari S. Sharma, Suman Kundu, Sadhana Sharma, Abbas Ali Mahdi | <i>Inauguration</i> |
| | | Dr. Umesh Kapil (NAMS, Delhi) Keynote Address | <i>Medical Education and Research in India</i> |
| | | Dr. Shantanu Sengupta (CSIR-IGIB, Delhi) Keynote Address | <i>Building the Indian Phenome: Longitudinal Multi-Omics Approaches for Precision Risk Prediction</i> |
| | | Dr. Dhirendra Katti (IIT Goa) Keynote Address | <i>Improving Healthcare Technology: My Experiences in Tissue Engineering and Drug Delivery</i> |
| 11:15–11:30 D Spine | Tea Break | | |
| 11:30–12:00 [DLT10] Session I | Chairs: Dr. Venkatesh & Dr. Hari S. Sharma | Dr. Lindsay Brown (Griffith University, Australia) | <i>Microalgae and Human Health: Improving Nutrition</i> |
| | | Dr. Indu Verma (PGIMER) | <i>Mycobacterial methyltransferase : Hijacking the host immune response through epigenetic manipulation of immune cell genome</i> |
| 12:00–13:00 [DLT10] Session II | Drs. Hariom Sharma & Jigna Shah | Dr. Vijayalakshmi Venkatesan (ICMR-NIN) | <i>Combining Mesenchymal Stem Cells with Orthobiologics to Enhance the Regenerative Potential in a Chemically Induced Osteoarthritis Rodent Model</i> |
| | | Dr. Pradeep Srivastava (TIFAC, Delhi) | <i>Bridging the gap between laboratory and the bed side</i> |
| | | Dr. Jyotdeep Kaur (PGIMER) | <i>Stage-Specific miRNA Landscapes in Osteoarthritis Implicate miR-4505 and miR-331-3p via ERBB2-Mediated Pathogenesis</i> |
| | | Dr. Soma M. Ghorai (DU) | <i>Does the novel chimeric endolysin CHAPk-SH3bk represent a promising antibiofilm agent against methicillin-resistant Staphylococcus aureus?</i> |
| 11:00–13:00 [D104] Session III | Chairs: Dr. Ragini Singh, Dr. Sagar Dholariya & Dr. Amit Sonkar | Coordinator: Dr. Subhash Chandra Gupta (AIIMS Guwahati) | Symposium: Omics-Driven Innovations for the Management of Non-Communicable Diseases |
| | | Dr. Sagar Dholariya (AIIMS Rajkot) | <i>Multi-Omics Approaches in Diabetic Kidney Disease: From Molecular Mechanisms to Clinical Translation</i> |
| | | Dr. Ashikh Seethy (AIIMS Guwahati) | <i>Molecular Landscape of Myelodysplastic Neoplasms: Insights from Exome and Transcriptome Analysis</i> |
| | | Dr. Amit Sonkar (AIIMS Guwahati) | <i>From Pathogen Proteome to Therapeutic Targets: Identifying Effector Signatures in Scrub Typhus</i> |

| | | | |
|--|---|---|--|
| | | Dr. Ragini Singh (AIIMS Rajkot) | <i>Multi-Omics Biomarkers Approach for Redefining Cardiovascular Risk in T2DM</i> |
| | | Dr. Subhash Chandra Gupta (AIIMS Guwahati) | <i>Metabolomic and lncRNA-Based Molecular Signatures in the Management of Breast Cancer</i> |
| | | Dr. Avijit Roy Choudhury (Emcure) | <i>Evolving Modalities in API Process Development</i> |
| 11:00–13:00 [D102] Session III A | Chairs: Dr. Sadhana Sharma (AIIMS Patna) & Dr. Savita Yadav (AIIMS New Delhi) | Coordinator: Dr. Alpana Sharma (ICMR, New Delhi) | Symposium: Basic Research to Clinical and Therapeutic Applications |
| | | Dr. Sadhana Sharma (AIIMS Patna) | <i>Ex Vivo Expansion of Hematopoietic Stem Cells Via Epigenetic Modifications for the Treatment of Hematological Malignancies</i> |
| | | Dr. Savita Yadav (AIIMS New Delhi) | <i>Multimerin-1 at the Crossroad of Ovarian Cancer Progression and Angiogenesis</i> |
| | | Dr. Medha Rajappa (JIPMER, Puducherry) | <i>Translational Vitamin D-Pathway Genetic Determinants in the Renal–Bone–Vascular Axis of CKD–Mineral and Bone Disorder</i> |
| | | Dr. Asmita Patil (AIIMS New Delhi) | <i>Animal Models in Pollution Studies: Mitigative Role of Antioxidants</i> |
| | | Dr. Alpana Sharma (ICMR, New Delhi) | <i>Targeting CCR5 Modulates Treg and Myeloid Derived Suppressor Cells in Early Atherosclerosis: A Potential Therapeutic Strategy</i> |
| 11:00–13:00 [D103] | CME – NAMS | CME Topic: <i>Hands-on Meta-analysis in Biomedical Sciences: Advancing Evidence-Based Medicine</i> | |
| 3:15–14:15 | Lunch Break | | |
| 14:15–15:30 [D101] Session IV | Chairs: Dr. Peter van der Spek (Erasmus MC Rotterdam) & Dr. Anil K. Chauhan | Coordinators: Dr. Subhash Chandra (BLK Max, Delhi) & Dr. Hari S. Sharma (Erasmus MC) | <i>Cardiovascular Diseases</i> |
| | | Dr. Vinod Kumar Balakrishnan (Ramachandran Institute, Chennai) | <i>Redox Dysregulation in Heart Failure: Therapeutic Challenges from a clinician’s perspective</i> |
| | | Dr. Subhash Chandra (BLK Max Hospital, Delhi) | <i>Advances in invasive cardiology</i> |
| | | Dr. Kamna Srivastava (ACBR, DU) | <i>Role of PCSK9 (Proprotein convertase subtilisin/kexin type 9) in Coronary artery diseases: a case-control study</i> |
| | | Dr. Hari S. Sharma (Erasmus MC) | <i>Genomics of Human Heart Failure</i> |
| 14:15–15:30 | Chairs: Dr. Navneet | Dr. Swadhin Chandra Jana (NCBS) | <i>Digenic (trialelic) mutations in IFT complexes leads to defective cilia and causes a novel complex ciliopathy</i> |

| | | | |
|---|---|---|---|
| [D104] Session IV A | Kumar (KGMU, Lucknow) & Dr. Z. G. Badade (MGM Medical College, Mumbai) | | <i>phenotype.</i> |
| | | Dr. Utpal Roy (BITS Pilani, Goa Campus)) | <i>Insights into the concierge of Bacillus Peptidolipids with wide-spectrum antifungal escapade</i> |
| | | Dr. Anil Kumar (NII) | <i>Towards investigating the anticancer role of gut microbiota-derived metabolites</i> |
| 14:15–15:30 [D102] Session IV B | Chairs: Dr. Sukhes Mukherjee (AIIMS Bhopal) & Dr. Deshratan Asthana | Coordinator: Dr. Sukhes Mukherjee (AIIMS Bhopal) | Symposium: Advances in therapeutics of Breast Cancer |
| | | Prof. Alka Bhatia (PGIMER) | <i>Expanding Horizons in Breast Cancer Therapy: Emerging Targets and Next-Generation Drugs</i> |
| | | Dr. Sukhes Mukherjee (AIIMS Bhopal) | <i>Innovative Combinatorial Epirubicin & Bioactive Compound Conjugates Targeting HIF-1α/VEGF/GLUT1 Pathway in Triple-Negative Breast Cancer</i> |
| | | Dr. Priyankar Paira (VIT Vellore) | <i>Mechanistic Insights of Organometallics in Mitochondria for Cancer Therapy</i> |
| 14:15–15:30 [DLT9] Session IV C | Chairs: Dr. H. P. Gurushankara (Central University of Kerala) & Prof. Shalini Gupta (KGMU, Lucknow) | Mol Bio Diagnostics Team | TBA |
| | | Dr. Subathra Radhakrishnan (NFLR, Chennai) | <i>Serum Vibrational Spectroscopy: A Breakthrough Non-Invasive Method for Early Detection of Hepatocellular Carcinoma Progression.</i> |
| | | Dr. Poonam Thakur (IISER, Thiruvananthapuram) | <i>Metabolic disturbances in Parkinson's disease: Brain and beyond</i> |
| 14:15-15:30 [D-103] | CME – NAMS | CME Topic: <i>Hands-on Meta-analysis in Biomedical Sciences: Advancing Evidence-Based Medicine</i> | |
| 15:30-16:30 | TEA BREAK & POSTER SESSION 1 | | |
| 16:30–18:00 [DLT-9] Session V | Chairs: Dr. Narendra Malhotra (Ujala Cygnus Rainbow Hospital, Agra) & Dr. Ashutosh | Coordinator: Dr. Narendra Malhotra (Ujala Cygnus Rainbow Hospital, Agra) | Advances in the Management of Women Health |
| | | Dr. Jaideep Malhotra (Ujala Cygnus Rainbow Hospital, Agra) | <i>Microbiome in Women Health</i> |

| | | | |
|-------------------------------|--|---|--|
| | Halder (AIIMS Delhi) | Dr. Shyam Prakash (AIIMS Delhi) | <i>Polycystic ovary syndrome Across India: Epidemiology, Clinical Phenotypes and associated metabolic Disease</i> |
| | | Dr. Taruna Arora (ICMR, Delhi) | <i>Government of India Programs for Women Health- Machine Learning-Based Classification of Polycystic Ovary Syndrome</i> |
| | | Dr. Narendra Malhotra (Ujala Cygnus Rainbow Hospital, Agra) | <i>AI in Assisted Reproductive Technology</i> |
| | | Dr. Ashutosh Halder (AIIMS New Delhi) | <i>Genetics of Premature Ovarian Failure (POF)</i> |
| 18:00–19:30 [Auditorium] | IABS Proceedings and Convocation | Dr. R. Chandrashekar (Joint Drugs Controller, India), Dr. Taruna Madan (Head, Development Research Division, ICMR) & IABS Officials | |
| 19:30 Onwards | <i>DINNER & CULTURALS (VGH Lawns)</i> | | |

DAY 2 (25th MARCH 2026)

| Time/Venue | Session | Speaker | Title |
|---|--|---|---|
| 9:00-9:30 [DLT9] | Chairs: Dr. Samit Chattopadhyay & Dr. Mahdi | Dr. Shivkumar Kalyanaraman (ANRF), Plenary | <i>ANRF Vision: Catalyzing India's Rise as a Research and Innovation Powerhouse</i> |
| 9:40-10:05 [DLT9] | | Padmashri Dr. Shyam Sundar (IMS, BHU Varanasi), Plenary | <i>Visceral leishmaniasis (Kala-Azar) in India</i> |
| 10:05-10:25 [DLT9] | | Dr. Peter van der Spek (Erasmus MC Rotterdam), Keynote | <i>Omics driven technology and Personalized Medicine</i> |
| 10:30-10:50 [DLT9] | | Prof. Suman Kundu (BITS Pilani), Keynote | <i>Hemoglobins, Blood Substitutes and Therapy for Sickle Cell Disease.</i> |
| 11:00-11:15 | TEA BREAK | | |
| 11:15-13:30 [D101] Session VI | Chairs: Dr. Swasti Tiwari (SGPGIMS Lucknow) & Dr. Rajeev Goyal (Lady Hardinge Medical College, New Delhi) | Dr. Nallur B. Ramachandra (University of Mysore) | <i>Integrated multiomics approaches for identification of pathogenic variants involved in Autism Spectrum Disorders</i> |
| | | Dr. Mahuya Sengupta (Assam University, Silchar) | <i>Gold Nanorod Functionalization Directs Macrophage Polarization and Fibrosarcoma Suppression</i> |
| | | Dr. Ashok Kumar (IIT Kanpur) | <i>Innovative Therapeutic Platform for minimally invasive management of chronic fatty liver disease</i> |
| | | Prof. Ramendra Pati Pandey (DY Patil, Pune) | <i>Chagas disease cardiomyopathy & immunopathology: therapeutic efficacy of a drug combination</i> |
| | | Dr. Deshratan Asthana | <i>Detecting errors and implementing improvements in molecular diagnostics</i> |
| | | Dr. Jhimli Bhattacharyya (NIT Nagaland) | <i>Harnessing ethnomedicine and traditional healing practices of Nagaland for addressing regional health challenges</i> |
| | | Dr. Mohammad Kaleem Ahmad (KGMU, Lucknow) | <i>microRNA signatures in prostate cancer: Molecular perspective and clinical relevance</i> |
| | | Dr. Benu Brata Das (IACS, Kolkata) | <i>Decoding Disease: How DNA Breaks Lead to Genomic Instability</i> |
| 11:00-13:15 [DLT10] Session VI A | Chairs: Dr.RK Garg (Era University) | Dr. B. S. Shankaranarayana Rao (NIMHANS) | <i>Novel Strategies to Treat Depression-induced Abnormal Functional Plasticity and Cognitive Deficits</i> |
| | | Dr. Sarika Gupta (NII) | <i>ARL6IP5 as a central regulator of autophagy and ER proteolysis in neuron</i> |
| | | Dr. Anil Chauhan | <i>Stroke: Novel mechanisms and future therapies for improving cerebroprotection</i> |
| | | Dr. Pankaj Seth (NBRC, | <i>Human brain organoids as models for</i> |

| | | | |
|---------------------------------------|---|---|---|
| | | Manesar) | <i>understanding virus induced neurodegeneration</i> |
| | | Akash Gautam, (University of Hyderabad) | <i>Linking diabetes to cognitive decline: Evidence for a role of the brain renin-angiotensin system</i> |
| | | Dr. Vijay Tiwari (SDU) | <i>From code to cure: deciphering gene regulation in neurological diseases</i> |
| | | Prof. Syed Shadab Raza (Era University) | <i>NLRP3 Inflammasome Drives SOD2 Acetylation and Oxidative Stress Independent of Sirtuin Signaling in Ischemic Stroke</i> |
| 11:30-13:00 [D102] Session VI B | Chairs: Dr Manaswini Mangaraj (AIIMS BBSR) and Dr Rachita Nanda (AIIMS Raipur) | Coordinator: Dr Manaswini Mangaraj (AIIMS BBSR) | Non Communicable Diseases |
| | | Dr. Prakruti Dash (AIIMS BBSR) | <i>Biomarker Networks in Preeclampsia: Linking Immune Dysregulation, Tubuloglomerular Injury, and Endothelial Dysfunction for Early Renal Risk Stratification</i> |
| | | Dr. Suprava Patel (AIIMS Raipur) | <i>Unravelling the Determining Factors of Chronic Kidney Disease of Unknown Etiology (CKDu): The Hidden Danger in Farming Communities</i> |
| | | Dr. Kahkasha (AIIMS Deoghar) | <i>Persistent Circulating Tumor DNA Defines a Molecularly High-Risk Phenotype in Locally Advanced Oral Squamous Cell Carcinoma</i> |
| | | Dr. Sukhes Mukherjee (AIIMS Bhopal) | <i>Multi-Target Modulation of SNCA, PARK7, and SLC2A1: An Integrated In Silico and In Vitro Evaluation in Parkinson's Disease</i> |
| | | Dr. Rachita Nanda (AIIMS Raipur) | <i>Development of a Score for Early Identification of Diabetic Peripheral Neuropathy Using Endothelial Biomarkers</i> |
| | | Dr. Manaswini Mangaraj (AIIMS BBSR) | <i>Exploring the Association of Anti-Thyroid Peroxidase Antibody Level with Metabolic Alterations and Renal Function in Elderly Hypothyroid Cases: A Gender-Based Introspection</i> |
| 12:00-13:15 [D103] Session VII | Chairs: Dr. Syed Mudassar (Sher-I-Kashmir Institute of Medical Sciences) & Dr. Lilly Ganju (Malwanchal University, Indore, MP) | Coordinator- Dr. Ashok Kumar (AIIMS Bhopal) | Cancer Biomarkers |
| | | Prof. Ashok Kumar (AIIMS Bhopal) | <i>SIP Metabolizing Enzymes as Cancer Prognostic Biomarkers and Therapeutic Targets</i> |
| | | Dr. Lokendra Sharma (SGPGIMS Lucknow) | <i>Reprogramming the Powerhouse: Harnessing Mitochondrial Control in Breast Cancer</i> |
| | | Prof. Biswadip Banerji (IICB) | <i>Development of Potent PARP-1 Inhibitors Targeting Glioma Through DNA Damage & ROS</i> |

| | | | |
|---|---|---|---|
| | | | <i>Generation</i> |
| | | Prof. Rashmi Chowdhary (AIIMS Bhopal) | <i>A Pilot Study to Evaluate a Mass Screening Device Using Multiple Biomarkers for Premalignant Cervical Lesions: A Step Towards the Cervical Cancer Elimination Goal</i> |
| 13:15-14:15 | LUNCH | | |
| 14:15-15:30 [DLT10] Session VIII | Coordinated by Dr. Jagdeesh Bayry and Taruna Madan (ICMR) | Prof. Pankaj Seth (NBRC) | <i>Novel Insights into Zika and SARS-CoV2 Virus-Induced Neuropathogenesis Using 2D and 3D Models of Human Neural Stem Cells</i> |
| | | Dr. Jagdeesh Bayry (IIT Palakkad) | <i>Auto antibodies and immune system</i> |
| | | Dr. Sushmita Jha (IIT Jodhpur) | <i>Unraveling inflammation and immunity in 3D: patients organoids in precision medicine</i> |
| | | Dr. Taruna Madan (ICMR) | <i>Clinical trials in the process of vaccine development: Role of GOI</i> |
| | | Dr. Deshratan Asthana | <i>Activation and exhaustion in HIV infected patients</i> |
| 14:15-15:30 [D101] Session VIII A | Chairs: Dr. Dibakar Chakrabarty (BITS Goa) & Dr. Sumit Biswas (BITS Goa) | Dr. Swathi Sudhakar (IIT, Chennai) | <i>Bio-Innovations in Materials and Regenerative Engineering: Translational Strategies from Nano-Systems to Smart Scaffolds</i> |
| | | Dr. Snigdha Singh (Delhi University) | <i>Reversible non-competitive inhibitors of glycine transporter 2: A Non opioid therapy for neuropathic pain</i> |
| | | Dr. D K Acharya (Gandhinagar University) | <i>PHA in Biomedical Engineering: Microbial Bioprocessing, Challenges, and Emerging Opportunities</i> |
| 14:15-15:30 [D102] Session VIII B | Chairs: Prof. Najmul Islam (JNMC, AMU, Aligarh) & Dr. Ajay Kumar Verma (Dr. Ram Manohar Lohia Institute of Medical Sciences, Lucknow) | Dr. Abhijeet Gorey (TCS) | <i>The sound of a Greener Future: Harnessing AI and Photoacoustic Imaging for Non-Invasive Biomedical Diagnostics and Environment Sustainability</i> |
| | | Prof Dinesh Mani Tripathi (DBT-ILBS) | <i>From Organ to Organoid: Decoding Cholangiocyte-Driven Fibrogenesis as a Therapeutic Target in Liver Disease.</i> |
| | | Prof. Urmi Bajpai (ANDC, Delhi University) | <i>Beyond Antibiotics: Phage-Derived Lysins as Antimycobacterial Solutions</i> |
| 14:30-15:30 [D103] Session VIII C | Chair: Dr. Eli Mohapatra & Dr. Mainak Banerjee | Dr. Eli Mohapatra (AIIMS Raipur) – Symposium Coordinator | Artificial Intelligence in Healthcare |
| | | Dr. Vibha Vikas Sakhare (AIIMS Raipur) | <i>Translational Research: Bridging Basic Science Discoveries to Clinical Applications.</i> |
| | | Dr. Ashwini Katole (AIIMS Raipur) | <i>Artificial Intelligence and Digital Technologies in Modern Healthcare.</i> |
| | | Dr. Abhijit Prasad (AIIMS Raipur) | <i>Advanced Diagnostics and Precision Medicine: Redefining Patient Care.</i> |
| | | Dr. Eli Mohapatra (AIIMS Raipur) | <i>Future Ready Healthcare: Ethics, Policy, and Sustainable Health Innovations.</i> |

| | | | |
|--|---|--|---|
| 15:30-17:00 | TEA BREAK AND POSTER SESSION II | | |
| 17:00-18:30 [DLT 10] Young Investigators Session IX | Chairs: Dr. Monica Sundd (National Institute of Immunology, NII) & Dr. Rajeev Goyal (Lady Hardinge Medical College, New Delhi) | Dhanashree Vijayrao Bomle (DYPBBI, Pune) | <i>Metabopsy of Inherited Metabolic Disorders (IMDs): Discard to Diagnosis Approaches</i> |
| | | Dr. Anandakumar Pandi (AIIMS Deoghar) | <i>Carvacrol Suppresses Benzo(a)pyrene-Induced Lung Tumorigenesis by Regulating Cell Proliferation and Apoptosis in Mice</i> |
| | | Aman Singh (NIT, Raipur) | <i>In-silico identification of pore-forming toxin inhibitors to mitigate Escherichia coli- associated sepsis</i> |
| | | Dr. Ashok Kumar Ahirwar (AIIMS, Delhi) | <i>Total Laboratory Automation: Transforming Clinical Laboratories through Integrated, Intelligent, and Standardized Workflows</i> |
| | | Kiran Ramakant Gore (IIT, Kharagpur) | <i>Engineering Controlled Destabilization: The "Magic Methyl" Effect in RNAi Enhancement</i> |
| | | Shilpa M (Tumkur University) | <i>Papain, a cysteine protease, degrades insulin-induced amyloid aggregation: Insights from in vitro and in vivo studies</i> |
| | | Pagadala Vijaya Narasimha (University of Mysore) | <i>In-silico variant analysis of MTHFR involved in autism spectrum disorders</i> |
| | | Dr. Shreyansh Sharma (GMERS Medical College, Gujarat) | <i>Application of AI in Medical Lab: Identifying digital biomarkers and their possible role in patient care</i> |
| 17:00- 18:30 [D 101] Young Investigators Session IX A | Chairs: Dr. Harsh Vardhan Singh (North Delhi Municipal Corporation Medical College & Hindu Rao Hospital, Delhi) and Dr. Medha Rajappa (JIPMER Pudduchery) | Sakshi Jaiswal (University of Allahabad) | <i>Appetite modulator Quercetin enhances antioxidant defence and neuroprotection in induced aging Rat model</i> |
| | | Adrija Saha (DSU, Bangalore) | <i>Dual Phyto-Enzyme Strategy: Combination of nano-encapsulated Eugenol and Alginate Lyase Combat Pseudomonas aeruginosa via Antibacterial Activity, Preventing Biofilm Formation, and Disrupting Mature Biofilms</i> |
| | | Khushboo Gulati (L.V.Prasad Eye Institute, Hyderabad) | <i>Decoding metabolic rewiring in retinoblastoma using NMR-based serum metabolomics</i> |
| | | Kajal Yadav (Delhi University) | <i>Polydopamine-Based Surface Modification of Hemoglobin Particles for Enhanced Antioxidant Properties and Reduced Heme Release in Oxygen Carriers</i> |
| | | Naveen Kumar Singh (IIT, Delhi) | <i>From Selection to Sensing: One-Step Aptamer Selection and Continuous Stress Monitoring</i> |
| | | Arti Sunil Ghatge (D.Y. Patil Education Society) | <i>Ketoconazole and Zingerone Synergistically Inhibit Candida albicans Growth and Virulence Factors</i> |
| | | Saraswathi N (MAHE) | <i>Enhancing CSF Leak Detection: A Computational Pipeline for Epitope Mapping Towards Translational Diagnostics</i> |
| | | Anurag Ajgalle (NIT, Raipur) | <i>Nanoceria capped Triazine-based Brominated COFs: ¹³C NMR-validated Architectures with enhanced Antibacterial Performance Against S.aureus.</i> |
| 17:00- 18:30 [D 102] Young | Chairs: Dr. G. Kalaiselvan (AIIMS, Mangalagiri, Guntur, Andhra | Dr. M. Janaki Ramaiah (VIT Vellore) | <i>Functional importance of Camptothecin and Sotorasib , DPPIV inhibitors in PDAC cancer apoptosis</i> |

| | | | |
|--|--|--|--|
| Investigators Session IX B | Pradesh), Dr. Vijay Kumar Kutala (Nizam's Institute of Medical Sciences, Punjagutta, Hyderabad, India) | Dr Gokul Aravind A (AIIMS, Bhopal) | <i>Prevalence of DPYD Alleles and their Association with Fluoropyrimidines Toxicity: A Pilot Pharmacogenetic Study in Gastrointestinal Cancer Patients in Central India</i> |
| | | Sakshi Kumari (AIIMS, New Delhi) Young Inv | <i>Diagnostic Potential of FOXO3a in Alzheimer's Disease: Evidence from Serum-Based Analysis</i> |
| | | Abhinay Kumar Singh (AIIMS, New Delhi) Young Inv | <i>Development of a novel inhibitor of Rac1, for the prevention of breast cancer progression and metastasis</i> |
| | | Dr Yogita M Shinde (MGM Medical College) Young Inv | <i>Association of Islet Amyloid Polypeptide and Inflammatory Biomarkers in Diabetic Coronary Artery Disease</i> |
| | | Monika Nandkumar Chavan (KIMS, Karad) Young Inv | <i>Evaluation of Lipid Profile, High Sensitivity C-Reactive Protein (Hs-CRP), and Homocysteine in Premature Acute Myocardial Infarction: A Cross-Sectional Study.</i> |
| 17:00- 18:30 [D 103] Young Investigators Session IX C | Chair: Dr. Indu Verma (PGI Chandigarh) & Dr. Lindsay Brown | Vaishnavi Amare (MGM Medical College) Young Inv | <i>Study Of Metabolic Risk Factors Contributing to Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD) With and Without Diabetes.</i> |
| | | Komal Prakash Patel (MGM Medical College) Young Inv | <i>Study of Pancreatic Biomarkers in patients of Prediabetes and Type 2 Diabetes Mellitus</i> |
| | | Shabana Begam Mohd Sultan (MGM Medical College) Young Inv | <i>To study comparison of accuracy of spot urine protein/creatinine ration with 24-hour urine protein estimation in assessing degree of proteinuria in chronic kidney disease patient.</i> |
| | | Sunanda Arya (DIPAS, DRDO) | <i>Comparative Genomics Signatures of Venous Thromboembolism Across Altitudinal Extremes</i> |
| | | Amit G Kulkarni (SDM University, Dharwad) Young Inv | <i>An In Silico Quest: Validating the Cardioprotective Efficacy of CQA Against the Hypoxia and Hyperglycemia stressors</i> |
| | | Sneha Shree (IISER, Bhopal) Young Inv | <i>Review - Nature's Pharmacy: Aloe Vera for the fight against Tuberculosis</i> |
| | | Divya Sasidharan (Amrita Vishwa Vidhyapeetham) Young Inv | <i>Artificial Intelligence in Transformative Mental Healthcare Research</i> |
| | | Shikha Singh (JIPMER, Puducherry) [Prof. Nurul Islam Award applicant] | <i>Circulating microRNAs as Predictive Biomarkers for Methotrexate Efficacy in Psoriasis: A Translational Discovery-Validation Study</i> |
| 18:30-19:00 [DLT 10] | IABS GBM | | |
| 19:00 | GALA DINNER (VGH Lawns) | | |

| | |
|---------|--|
| Onwards | |
|---------|--|

Day 3 (26th March 2026)

| Time | Session | Speaker | Title |
|---|---|--|---|
| 9:00-11:00 [DLT10] Session X | Chairs: Dr. Sucheta Dandekar and Dr. Farzana Mahdi | Dr. Farzana Mahdi (Era University) | <i>Layered well-being: A blueprint for holistic health ecosystem</i> |
| | | Dr. Sucheta Dandekar (Era University) | <i>Conflict management and human health</i> |
| | | Dr. Gurushankara HP (Central University, Kasaragod) | <i>Genetic Landscape on origin of down syndrome-associated acute lymphoblastic leukemia</i> |
| | | Dr Raghvendra Vidua (AIIMS Bhopal) | <i>Forensic Medicine: Resolving unsolved mysteries through Biomedical Sciences</i> |
| | | Dr. Nirbhay Singh (PGIMER) | <i>Biomarker-Guided Precision Therapy in Diabetic Macular Edema: Predicting Anti-VEGF Therapeutic Response and Non-Response</i> |
| | | | |
| 9:00-11:00 [D101] Session X A | Chair: Dr. Sudeshna Mukherjee (BITS Pilani, Pilani Campus) & Prof. Vijayashree Nayak (BITS Goa) | Dr Vimal Kumar Paliwal | <i>Revisiting Motor Neuron Disease: Spectrum, Mechanisms and Emerging Therapies</i> |
| | | Dr Murali Dharan Bashyam (BRIC-CDFD, Hyderabad) | <i>Two decades of cancer genomics: Chromatin Remodelers to Gene fusions to novel discoveries</i> |
| | | Aaliya Shah (SKIMS MCH) | <i>Research through the eyes of medical students</i> |
| | | Nandeesh H (JIPMER) | <i>Interleukin-10 gene polymorphism in schizophrenia and its relation with diseases severity and cognitive dysfunction</i> |
| | | Gauri Baburao Kadam (MGM Medical College) | <i>Study of serum calcium, vitamin D3 and vitamin B12 in backache patients</i> |
| 9:00-11:00 [D102] Session X B | Chair: Dr. Sukanta Mondal | Dr Mayank Singh (AIIMS New Delhi) | <i>Ubiquitin specific peptidase 37 (USP37) facilitates Replication stress tolerance to promote prostate cancer oncogenesis.</i> |
| | | Dr Jagdish Goyal (AIIMS Jodhpur) | <i>TBA</i> |
| | | Dr. Kamla Kant Shukla (AIIMS Jodhpur) | <i>Stem Cell-Associated miR-141 and miR-145 as Prognostic Biomarkers in Metastatic Prostate</i> |
| 9:00-11:00 [DLT9] Session X C | Chair: Dr. Kundan Kumar & Dr. Sandhya | Dr. Gyanendra Kumar Sonkar (KGMU, Lucknow) | <i>Molecular analysis of gstm1 gene polymorphism in chronic myeloid leukemia patients: an age-wise study</i> |
| | | Dr. Chandra Prakash Chaturvedi (SGPIMS, | <i>Cellular and Acellular Approaches in Cardiac Repair: Comparative Assessment of c-Kit⁺</i> |

| | | | |
|---|--|--|--|
| | Mehrotra | Lucknow) | <i>Amniotic Fluid Mesenchymal Stem Cells versus Their Secretome</i> |
| | | Dr. Ashwini Jayant Kale (DY Patil) | <i>Mechanistic Exploration of Natural Bioactives and Repurposed Drugs in Combating Candida albicans Infections</i> |
| | | Dr. Eli Mohapatra (AIIMS Raipur) | <i>Where Clinical Clues Meet Cellular Codes: Redefining Metabolic Syndrome in the Molecular Era.</i> |
| | | Prof. Meenal Kowshik (BITS Pilani, Goa Campus) | <i>Biocompatible nanovehicles redefining gene delivery beyond viral vectors: Insights from stem cell differentiation to rare genetic disease therapies</i> |
| 9:30-11:00 [D103] Session X D | Chairs: Prof. Meenakshi Tiwari (KGMU Lucknow) | Coordinator- Prof. Meenakshi Tiwari (KGMU Lucknow) | Neurological Disorders-From Mechanisms to Medicines in Neurological Disorders |
| | | Dr. Jyotirmoy Banerjee (AIIMS New Delhi) | <i>Regulation of Altered Synaptic Transmission by Semaphorin in Temporal Lobe Epilepsy (TLE)</i> |
| | | Dr. Aparna Dixit (University of Delhi) | <i>Targeting HDAC6 Restores Peroxiredoxin-1 Acetylation and Attenuates Oxidative Stress-Driven Seizures in Focal Cortical Dysplasia</i> |
| | | Dr. Alok Kumar (SGPIMS, Lucknow) | <i>Injury-Specific Neuroinflammatory Trajectories Converge on Impaired Resolution: Implications for Brain Repair and Therapeutic Intervention</i> |
| | | Dr. Meenakshi Tiwari (KGMU, Lucknow) | <i>From MTHFR Genotype to Taurine Deficiency: A Metabolic Axis in Neurodegeneration</i> |
| | | Dr. Shashank Kumar Maurya (University of Delhi) | <i>Alteration in Molecular Dynamics in Microglial Signature Genes Leads to Neuroinflammation in Mice</i> |
| | | Dr. Prem Tripathi (CSIR-IICB, Kolkata) | <i>Hippocampal Neurogenesis</i> |
| 9:30-10:30 [D104] Session XI | Chairs: Dr. Sonal Ayakar & Dr. Sanjay Kumar | Suvira Srivastav (Vice President, De Gruyter Brill) | <i>Building a Stronger Research Ecosystem Through Publishing Excellence</i> |
| | | MedChemExpress | <i>TBA</i> |
| | | Dr. Satish Kumar (HiMedia) | <i>Unlocking Genomic Insights: Integrated Solutions for Modern Molecular Biology</i> |
| 11:00-11:15 | TEA BREAK | | |
| 11:30-12:15 [D101] | Poster Pitch | | |
| 12:15-1:30 | Panel Discussion | | |

| | |
|--------|--------------------|
| [DLT9] | |
| [DLT9] | Valedictory |

