



50th ACBICON 2024

Golden Jubilee Conference of Association of Clinical Biochemists of India

4th - 7th December, 2024 | Hotel Mount View, Chandigarh

Organized by: Department of Biochemistry, PGIMER Chandigarh.

Theme: From Laboratory to Life: Recent Advances in Basic and Medical Research for Global Healthcare



SCIENTIFIC PROGRAM

Day 01: Thursday 5th December 2024

Time	Hall – A	Hall – B	Hall – C	Hall – D
08:00 onwards	REGISTRATION			
08:30-10:00	<p style="text-align: center;">Faculty Oral Presentation - 1</p> <p>Chairpersons: Dr Moinuddin, Dr Navneet Agnihotri</p> <p>Speakers:</p> <ol style="list-style-type: none"> Dr Perna Rahul Arora Dr Charu Yadav Dr Pankaj Kumar Dr Anuj Parkash Dr Mamta Kankra Dr Gitanjali Dr Ashok Sharma Dr Simran Kaur 	<p style="text-align: center;">Faculty Oral Presentation - 2</p> <p>Chairpersons: Dr Pamela Christudoss, Dr Bidhan Chandra Koner</p> <p>Speakers:</p> <ol style="list-style-type: none"> Dr Jitender Sharma Dr Vandana Tiwari Dr Pawan Kumar Kare Dr Swarnima Singh Dr Bharti Jain Dr Garima Chauhan Dr Mayank Singh Dr Basant Kumar Joshi Dr S. D. Mane 	<p style="text-align: center;">Oral Presentation - 1</p> <p>Chairpersons: Dr Pradeep Dudeja, Dr. Kalyan Goswami</p> <p>Speakers:</p> <ol style="list-style-type: none"> Ayushi Sharma Jyoti Kundu Adhikarimayum Sapna Devi Sumedha Sharma Inderjeet Kumar Gursimran Kaur Subhamon Bhattacharjee Nidhi Bhardwaj 	<p style="text-align: center;">Oral Presentation - 2</p> <p>Chairpersons: Dr Sanjana Dayal, Dr Archana Singh</p> <p>Speakers:</p> <ol style="list-style-type: none"> Rinkle Sharma Abhilekha Pilania Gaurav Sharma Aishwarya Sharma Irukulla Sanjana Pooja Ghorawat Aradhana Sarma Deepak Vats
10:00-10:30	<p>Hall-A</p> <p>K.L. Gupta Memorial Oration</p> <p><i>Chairpersons: Dr T. Malati, Dr Poornima Manjrekar</i></p> <p>Speaker: Dr Sanjay Gupta</p> <p>Emerging Epigenomic Landscape of Gastrointestinal Cancer: Biology and Clinical Implication in the Period of Precision Medicine</p>			

10:30-11:00	Hall-A K.E.M. Hospital & Seth GS Medical College Oration <i>Chairpersons: Dr Sucheta Dandekar, Dr Rajendra Prasad</i> Speaker: Dr Sadhna Sharma Understanding molecular dynamics of Diabetes and Tuberculosis co-pathogenesis			
11:00-11:30	Poster Presentation Session			
11:00-11:30	Tea Break			
11:30-13:00	<p style="text-align: center;">Symposium-1 <u>Global issues in Lab medicine</u></p> <p>Chairpersons: Dr Pankaj Johri, Dr Bernard Gouget</p> <p>Speakers:</p> <ol style="list-style-type: none"> External quality assessment performance in ten countries: an IFCC global laboratory quality project <i>Dr Qing Meng (USA)</i> IFCC's Global Leadership in Clinical Laboratory Standardization and Harmonization <i>Dr Khosrow Adeli (Canada)</i> Right result, incorrect interpretation. How EQA can reduce patient risk by comparing results across methods <i>Dr Tony Badrick (Australia)</i> Sustainability concerns for medical laboratories <i>Dr Endang Hoyaranda (Indonesia)</i> 	<p style="text-align: center;">Symposium-2 <u>Diabetes & Metabolic syndrome</u></p> <p>Chairpersons: Dr Naresh Sachdeva, Dr Hari S. Sharma</p> <p>Speakers:</p> <ol style="list-style-type: none"> Platelet mitochondria mediated prothrombin state in Prediabetes <i>Dr Sanjana Dayal (USA)</i> ¹H-NMR Based Metabolomic Signatures in Rodent Models of Alzheimer's Disease and Metabolic Disorders <i>Dr Rajat Sandhir (India)</i> Biological attributes of Mitochondrial DNA copy number in Metabolic Syndrome <i>Dr Deepak Parchwani (India)</i> Stunted Angiogenesis and Tissue Remodelling in Human Heart Failure <i>Dr Hari S. Sharma (Netherlands)</i> 	<p style="text-align: center;">Symposium-3 <u>Recent advances in Gastrointestinal disorders</u></p> <p>Chairpersons: Dr S.V. Rana, Dr Shivani Jaiswal</p> <p>Speakers:</p> <ol style="list-style-type: none"> Emerging Role of the Chloride Transporter SLC26A3 in Diarrheal and Inflammatory Bowel Diseases <i>Dr Pradeep Dudeja (USA)</i> Role of serum markers in prognosis of advanced hepatocellular carcinoma post stereotactic body radiation therapy <i>Dr Nirupama Trehanpati (India)</i> Tumour microenvironment driven molecular changes in cellular trafficking of key receptors influence gastric cancer progression <i>Dr Tapasya Srivastava (India)</i> Potential of miRNAs in Gallbladder Cancer: Diagnostics to Therapeutics <i>Dr Bela Goyal (India)</i> 	<p style="text-align: center;">Faculty Oral Presentation - 3</p> <p>Chairpersons: Dr Medha Rajappa, Dr Sadanand Naik</p> <p>Speakers:</p> <ol style="list-style-type: none"> Dr Atanu Kumar Dutta Dr Gautom Kumar Saharia Dr Deepti Malik Dr Manjula Kiran Dr Himanshu Sharma Dr Anurag Sankhyan Dr Aatish Mahajan Dr Som Dev Dr Madhur Kalyan Dr Navya Gupta
13:00-13:45	Poster Presentation Session			
13:00-14:00	LUNCH			

<p>14:00-15:00</p>	<p align="center">Symposium-4 <u>IFCC CCLM</u></p> <p>Chairpersons: Dr Praveen Sharma, Dr Rajiv R. Sinha</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. <i>Managing patient and physician expectations to improve satisfaction from Clinical Laboratory services.</i> <i>Dr Merve Sibel Gungoren (Turkey)</i> 2. <i>Value addition in laboratory medicine</i> <i>Dr Praveen Sharma (India)</i> 3. <i>Challenges and Strategies for Continuous Quality Improvement in Medical Laboratories:</i> <i>Dr Sedef Yenice (Turkey)</i> 	<p align="center">Symposium-5 <u>Bone disorders: From markers to therapy</u></p> <p>Chairpersons: Dr Sanjay Bhadada, Dr Anjali Aggarwal</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. <i>Clinical utility of the Markers of Bone Turnover</i> <i>Dr Harjit Pal Bhattoa (Hungary)</i> 2. <i>Phosphodiesterase Inhibitors: Paving the Way for Needle-Free Osteoanabolic Therapy in Postmenopausal Osteoporosis</i> <i>Dr Naibedya Chattopadhyay (India)</i> 3. <i>Targeting the osteoclastogenic cytokine IL-9 as a novel immunotherapeutic strategy in mitigating inflammatory bone loss in postmenopausal osteoporosis</i> <i>Dr Rupesh Srivastava (India)</i> 	<p align="center">Symposium-6 <u>Advances in Cancer research</u></p> <p>Chairpersons: Dr S.M. Hadi, Dr Shalmoli Bhattacharyya</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. <i>Hypoxia-Induced CTCF Regulates Alternative Splicing to Promote EMT and Autophagy in Breast Cancer</i> <i>Dr Sanjeev Shukla (India)</i> 2. <i>Atypical Cadherin FAT1 Regulates Autophagy-Mediated Cell Death in Cancer Cells</i> <i>Kunzang Chosdol (India)</i> 3. <i>Role of Novel Cobalt Complex Functionalized Nanoconjugate for Targeted Chemotherapy Against Hypoxic Breast Tumor</i> <i>Dr Sukhes Mukherjee (India)</i> 	<p align="center">Panel Discussion-1 <u>Molecular diagnostics</u></p> <p>Chairperson: Dr Tahir Pillay</p> <p>Convenor: Dr Kannan Vaidyanathan</p> <p>Panelists:</p> <ol style="list-style-type: none"> 1. Dr Mithu Banerjee 2. Dr Neeraj Sharma 3. Dr Prateek Bhatia 4. Dr Amanjit Bal 5. Dr Mini P. Singh 6. Dr Swarup Shah
<p>15:00-16:30</p>	<p align="center">Symposium-7 <u>Cardiovascular diseases: Risk assessment & therapeutics</u></p> <p>Chairpersons: Dr Poornima Manjrekar, Dr Madhu Khullar</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. <i>State of the art in the laboratory assessment and quantitation of cardiovascular risk</i> <i>Dr Tahir Pillay (South Africa)</i> 2. <i>The Evolution of Novel Therapeutic Approaches for the Treatment of Cardiovascular Diseases</i> <i>Dr Suresh Kumar Verma (USA)</i> 3. <i>Phenome India: Unveiling the diversity and exploring the phenotypic landscape of India</i> <i>Dr Shantanu Sengupta (India)</i> 	<p align="center">Symposium-8 <u>Role of nutrients in health outcomes</u></p> <p>Chairpersons: Dr Sadanand Naik, Dr Jyoti Elgiva John</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. <i>Vitamin B12 deficiency and Perinatal Health</i> <i>Dr Sadanand Naik (India)</i> 2. <i>How does maternal iron deficiency impact placental and fetal iron homeostasis?</i> <i>Dr Molly Jacob (India)</i> 3. <i>Micronutrients and Oxidative stress predispose to Vitiligo: A meta-analysis and a case control study</i> <i>Dr Ashwin Laxmikant Kotnis (India)</i> 4. <i>Amino acids in pregnancy and Health outcome</i> <i>Dr Namita Mahalle (India)</i> 	<p align="center">Symposium-9 <u>Kidney disorders & Prostate cancer</u></p> <p>Chairpersons: Dr Mithu Banerjee, Dr Eli Mohapatra</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. <i>Use of urine particle analysis in diagnosis</i> <i>Dr Joris Delanghe (Belgium)</i> 2. <i>Non classical HLA and Non Long coding RNA as possible biomarkers for predicting allograft function: Era of Precision medicine</i> <i>Dr Uma Kanga (India)</i> 3. <i>MACB initiative in standardised reporting of eGFR, ACR and implementing KFRE</i> <i>Dr Pavai Sthaneswar (Malaysia)</i> 4. <i>Innate immune mechanisms to turn on the heat in the cold prostate tumor milieu</i> <i>Dr Taruna Madan (India)</i> 	<p align="center">Faculty Oral Presentation - 4</p> <p>Chairpersons: Dr Subir Kumar Das, Dr Shyam Prakash</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Dr Bindu Sharma 2. Dr Rizwana Quraishi 3. Dr Shivani Mittal 4. Dr Parul Gupta 5. Dr Anjali Manocha 6. Dr Rajni Dawar 7. Dr Yaongamphi Vashum 8. Dr Arpita Chandra 9. Dr K. A. Arul Senghor

	<p>4. <i>Addressing Residual Cardiovascular Risk with Cardiovascular Precision Diagnostics: clinical evaluation of a multiplex Apolipoprotein Panel in the Odyssey Outcomes Randomized Control Trial</i> <i>Dr Christa Cobbaert (Netherlands)</i></p>			
<p>16:30-16:45</p>	<p style="text-align: center;">Tea Break</p>			
<p>18:00-19:30</p>	<p style="text-align: center;">Hall-A INAUGURATION Dr Awadesh Saran Memorial Oration <i>Chairpersons: Dr Praveen Sharma, Dr Rajiv R. Sinha</i> Speaker: Dr Tapas K. Kundu <i>Epigenetic Regulation of Neurological Disorders: Role of Lysine Acetyltransferases p300/CBP</i></p>			
<p>20:00 onwards</p>	<p style="text-align: center;">Inaugural Dinner</p>			

Day 02: Friday 6th December 2024

Time	Hall – A	Hall – B	Hall – C	Hall – D
08:00 onwards	REGISTRATION			
08:30-09:30	<p style="text-align: center;">Oral Presentation - 3</p> <p>Chairpersons: Dr. Neeraj Sharma, Dr Suresh Kumar Verma</p> <p>Speakers:</p> <ol style="list-style-type: none"> Subhadip Kundu Anjali Kashwal Kritika Kakkar Shilpa Naagar Kanwarpreet Singh 	<p style="text-align: center;">Faculty Oral Presentation - 5</p> <p>Chairpersons: Dr Rajarshi Kar, Dr Mingma Lhamu Sherpa</p> <p>Speakers:</p> <ol style="list-style-type: none"> Dr Nirupam Mohapatra Dr Malavika L Dr Monica Verma Dr G Jayakumar Amirtharaj Dr Binapani Chingtham Dr Monica Kakkar 	<p style="text-align: center;">Faculty Oral Presentation - 6</p> <p>Chairpersons: Dr Iyyapu Krishna Mohan, Dr Vivek Ambade</p> <p>Speakers:</p> <ol style="list-style-type: none"> Dr Deepali Prakash Sundrani Dr Sibin M K Dr Major Sandeep Kumar Yadav Dr Dablu Lal Gupta Dr Sanjhi Paliwal Dr Arushi Gahlot Saini 	<p style="text-align: center;">Oral Presentation - 4</p> <p>Chairpersons: Dr Sudip Sen, Dr Shailendra Giri</p> <p>Speakers:</p> <ol style="list-style-type: none"> Parampal Singh P. Harikrishna Tushar Kushwaha Taru Goyal Diksha Rana
09:30-10:00	<p>Hall-A</p> <p>Dr T.N. Pattabhiraman Oration Chairpersons: Dr Khosrow Adeli, Dr Kannan Vaidyanathan Speaker: Dr Jawahar Kalra <i>Advancing Clinical Biochemistry: The Intersection of Innovation and Patient-centered Care to provide the Best Practice Model for Medical Error Disclosure</i></p>			
10:00-10:30	<p>Hall-A</p> <p>Dr Taranath Shetty Memorial Oration Chairpersons: Dr Tahir Pillay, Dr Abbas Ali Mahdi Speaker: Dr Vivek Lal <i>Biochemistry of migraine</i></p>			
10:30-11:00	<p>Hall-A</p> <p>Dr Praveen Sharma Oration Chairpersons: Dr T Venkatesh, Dr Sanghamitra Pati Speaker: Dr Subir Kumar Das <i>Influence of Soluble Factors and Total Cell-Free DNA in the Development of Preeclampsia</i></p>			
11:00-11:30	Poster Presentation Session			
11:00-11:30	Tea Break			

<p>11:30-12:30</p>	<p align="center">Symposium-10 IFCC ETD</p> <p>Chairpersons: Dr Seema Bhargava, Dr Tester Ashavaid</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. <i>Exposome thinking: the interface of digitization, urbanisation, and health</i> <i>Dr Bernard Gouget (France)</i> 2. <i>Cutting-Edge Innovations and the Exposome: Strategies to Reduce Cardiovascular Disease</i> <i>Dr Damien Gruson (Belgium)</i> 3. <i>Integrating Biomolecular Approaches in Exposome Research</i> <i>Dr Swarup Shah (India)</i> 	<p align="center">Symposium-11 Artificial intelligence in lab medicine</p> <p>Chairpersons: Dr Jawahar Kalra, Dr Deepak Parchwani</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. <i>How Machine Learning is Transforming Lab and Clinical Decision Support Tools</i> <i>Dr Sergio Bernardini (Italy)</i> 2. <i>Building Data-Driven, AI Augmented AMR Stewardship and Surveillance</i> <i>Dr Tavpritesh Sethi (India)</i> 3. <i>Exploring clinico-demographic, radiological, biochemical and proteomic parameter based predictive algorithms as a diagnostic tool in detecting risk of ovarian cancer</i> <i>Dr Suchitra Kumari (India)</i> 	<p align="center">Symposium-12 Inborn errors of metabolism</p> <p>Chairpersons: Dr Manaswini Mangaraj, Dr Anissa Atif Mirza</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. <i>Molecular Diagnosis of Inborn Metabolic Disorders (Beta Thalassemia/Duchenne Muscular Dystrophy)</i> <i>Dr Kannan Vaidyanathan (India)</i> 2. <i>Maternal screening for fetal chromosomal anomalies: the present and the way ahead</i> <i>Dr Sohini Sengupta (India)</i> 3. <i>Glycogen Storage Disease Type 1: Pathophysiology, Clinical Symptoms and Treatment Options</i> <i>Dr Anibh Martin Das (Germany)</i> 	<p align="center">Faculty Oral Presentation - 7</p> <p>Chairpersons: Dr Shailja Sharma, Dr Archana Singh</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Dr Chiranjit Ghosh 2. Dr Vinayak Wamanrao Patil 3. Dr Chandan Kumar Nath 4. Dr Sushma BJ 5. Dr Rahul Saxena 6. Dr Debapriya Bandyopdhyay 7. Dr Asmita Hazra
<p>12:30 onwards</p>	<p align="center">Industrial Lecture (Roche Diagnostics India Pvt Ltd)</p> <p>Speaker: <i>Dr Rakhi Singh (India)</i> <i>Unveiling the power of AMH: Enhancing PCOS Diagnosis and Management (5+30 minutes)</i></p>	<p align="center">Industrial Lecture (Abbott)</p> <p>Speaker: <i>Mr Nico Osterauer (Australia)</i> <i>Empowering Patients & Enhancing Outcomes: Turning Technology & AI into Patient Wellbeing</i></p> <p align="center">Industrial Lecture (Siemens Healthcare Private Limited)</p> <p>Speaker: <i>Dr Deepa Nebhnani (India)</i> <i>Enhanced Liver Fibrosis (ELF™) and ELF Score: Setting a new standard for liver fibrosis assessment</i></p>	<p align="center">Industrial Lecture (Sebia Diagnostics India Pvt LTD)</p> <p>Speaker: <i>Dr. Siddhartha Sharma (India)</i> <i>Is your HbA1c more than a number: Advancement in HbA1c Diagnosis</i></p> <p align="center">Industrial Lecture (Quidel Ortho)</p> <p>Speaker: <i>Dr Charu Yadav (India)</i> <i>AI & Automation – the front runners in diagnostics</i></p>	
<p>13:00-13:45</p>	<p>Poster Presentation Session</p>			
<p>13:00-14:00</p>	<p>LUNCH</p>			

<p>14:00-15:00</p>	<p align="center">Symposium-13 <u>Immune mechanisms of diseases</u></p> <p>Chairpersons: Dr Shantanu Sengupta, Dr Archana Bhatnagar</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Characterization of HIV-1 virus and host antibody responses, a guide to HIV 1 vaccine design <i>Dr Kalpana Luthra (India)</i> 2. Retinoic acid promotes succinate-consuming gut bacteria to suppress intestinal inflammation <i>Dr Amit Awasthi (India)</i> 3. Mycobacterium tuberculosis mediated modulation of immune-functions in HIV-TB coinfecting individuals <i>Dr Sunil K Arora (India)</i> 	<p align="center">Symposium-14 <u>Haematological malignancies</u></p> <p>Chairpersons: Dr Pankaj Malhotra, Dr Sadhana Sharma</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Platelets and cancer cells: how close, how far <i>Dr Debabrata Dash (India)</i> 2. Study of human α-lactalbumin-oleic acid complex as an antitumor agent in chronic myeloid leukemia <i>Dr Ranjana Singh (India)</i> 3. Inter-tumor heterogeneity in OXPHOS status and mitochondrial metabolism: some insights from B-ALL <i>Dr Archana Singh (India)</i> 	<p align="center">Symposium-15 <u>Toxicology</u></p> <p>Chairpersons: Dr. Jasbinder Kaur, Dr K.D. Gill</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Toxicology- Epigenomics: Environmental Fusario-toxins in Food and Their Impacts on the Epigenome and Cancer Risk <i>Dr Anil Chuturgoon (South Africa)</i> 2. Effect of Cadmium exposure during gestation and lactation on memory and learning in F1 generation mice. <i>Dr Rajarshi Kar (India)</i> 3. Lead in Health: Impact, Risks, and Remediation <i>Dr Shailja Sharma (India)</i> 	<p align="center">Panel Discussion-2 <u>Laboratory accreditation in government setups: Challenges and solutions</u></p> <p>Chairperson: Dr T. Venkatesh</p> <p>Convenor: Dr Sudip Kumar Dutta</p> <p>Panelists:</p> <ol style="list-style-type: none"> 1. Dr Anjali Manocha 2. Dr Harshvardhan Singh 3. Dr Sunil Sethi 4. Dr Sohini Sengupta 5. Dr Wahid Ali 6. Dr Asmita Hazra
<p>15:00-16:30</p>	<p align="center">Symposium-16 <u>Recent developments in POCT</u></p> <p>Chairpersons: Dr Joris Delanghe, Dr Sohini Sengupta</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Applications of artificial intelligence to Point-of-care testing <i>Dr Adil Khan (USA)</i> 2. Connectivity and Data Management in POCT <i>Dr Tjan Sian Hwa (Indonesia)</i> 3. Point-of-care diagnostic device development for non-infectious disease <i>Dr Sudha Srivastava (India)</i> 4. POCT HbA1c current performance and future goals <i>Dr Emma English (UK)</i> 	<p align="center">Symposium-17 <u>Infectious diseases: From mechanisms to novel perspectives</u></p> <p>Chairpersons: Dr U.D. Gupta, Dr Vikas Suri</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Exploiting Innate immune mechanisms for controlling tuberculosis <i>Dr Dhiraj Kumar (India)</i> 2. Lauric acid conjugated ureido derivatives of 2-(4-amino piperidin-4-yl) acetic acid (β3,3-Pip) as potent antibacterial Agents: in vitro and in vivo insights. <i>Dr Zahoor Ahmad Parry (India)</i> 3. Innate Immune Response in Pulmonary Tuberculosis Patients with Type 2 diabetes: Characterisation and Clinical Correlations <i>Dr Archana Singh (India)</i> 	<p align="center">Symposium-18 <u>Cancer: Diagnosis to therapeutics</u></p> <p>Chairpersons: Dr Shyam S Chauhan, Dr Sanjeev Galande</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Statins attenuate Wnt/β-catenin signalling by targeting SATB family proteins in colorectal cancer <i>Dr Sanjeev Galande (India)</i> 2. Evaluation of Therapeutic Potential of Glutamine conjugated Organotin (IV) Schiff base compounds in experimental colon cancer <i>Dr Navneet Agnihotri (India)</i> 3. Molecular Markers of High-Risk HPV transcriptional activity in Cervical, Oral, and Anogenital Pre-Malignant Lesions <i>Dr Mingma Lhamu Sherpa (India)</i> 	<p align="center">Symposium-19 <u>Recent issues in laboratory medicine</u></p> <p>Chairpersons: Dr Qing H. Meng, Dr Barnali Das</p> <p>Speakers:</p> <ol style="list-style-type: none"> 1. Precision in Practice: Utilising Data-Driven Decision-Making in Clinical Laboratories <i>Dr Sedef Yenice (Turkey)</i> 2. Risk Management in Clinical Laboratory <i>Dr Neeraj Jain (India)</i> 3. Proper implementation of DQ, IQ, OQ, PQ: Driving Sustainability Initiatives in Smart Laboratory Landscapes <i>Dr Barnali Das (India)</i>

			<p>4. <i>Prostate Derived Ets transcription Factor (PDEF/SPDEF) as a Novel biomarker for early detection of Lethal Prostate Cancer</i> <i>Dr Hari K. Koul (USA)</i></p>	<p>4. <i>Role of Systematic Review in Study Design: Insights from ongoing TERIIP Taskforce</i> <i>Dr Nilesh Chandra (India)</i></p>
16:30-16:45	Tea Break			
16:45-18:00	AFMC Quiz (Hall-A)			
18:00-19:00	General Body Meeting (Hall-A)			
20:00 onwards	BANQUET DINNER			

Day 03: Saturday 7th December 2024

Time	Hall – A	Hall – B	Hall – C	Hall – D
08:00 onwards	REGISTRATION			
08:15-10:00	AWARD SESSION (Hall-A)			
10:00-10:30	<p>Hall-A Mrs. & Dr G.P Talwar Oration <i>Chairpersons: Dr P.S. Shukla, Dr Seema Bhargava</i> Speaker: Dr Amitava Das Gupta Alzheimer Biomarkers: Clinical Utility and how to implement such tests in your laboratory</p>			
10:30-11:00	Poster Presentation Session			
10:30-11:00	Tea Break			
11:00-12:30	<p align="center">Symposium-20 <u>Proficiency testing</u></p> <p>Chairpersons: <i>Dr Qing Meng, Dr Jairam Rawtani</i></p> <p>Speakers:</p> <ol style="list-style-type: none"> <i>Improving Global Laboratory Quality: The strategies and approaches of IFCC Task Force on Global Lab Quality (TF-GLQ)</i> <i>Dr Qing Meng (USA)</i> <i>Validation of Effective Implementation of Pre-Analytical Scoring</i> <i>Dr Shyamali Pal (India)</i> <i>Requirements for Selection of a PT Material in a Medical Diagnostic Laboratory</i> <i>Dr T Venkatesh (India)</i> <i>Lessons from longitudinal evaluation of tumour marker proficiency testing</i> <i>Dr Stefan Holdenreider (Germany)</i> 	<p align="center">Symposium-21 <u>Biomarkers</u></p> <p>Chairpersons: <i>Dr Zahoor Ahmad Parry, Dr Manni Luthra - Guptasarma</i></p> <p>Speakers:</p> <ol style="list-style-type: none"> <i>RNA editing as a diagnostic test to diagnose bipolar disorders</i> <i>Dr Maurizio Ferrari (Italy)</i> <i>Clinical Application of steroid testing in a clinical laboratory</i> <i>Dr Ravinder Singh (USA)</i> <i>Extracellular vesicles as Biomarkers and Mediators of Acute and Long COVID-19: Focus on the Small Big Thing</i> <i>Dr Navneet Dhillon (USA)</i> <i>Serum Protein Electrophoresis: Newer Perspectives from COVID experience</i> <i>Dr Bidhan Chandra Koner (India)</i> 	<p align="center">Symposium-22 <u>Maternal & Child health issues</u></p> <p>Chairpersons: <i>Dr Rashmi Bagga, Dr Reena Das</i></p> <p>Speakers:</p> <ol style="list-style-type: none"> <i>Epigenetic mechanisms in pregnancy and its impact on adult health</i> <i>Dr Sadhana Joshi (India)</i> <i>Male contributory factors in idiopathic recurrent pregnancy loss</i> <i>Dr Savita Yadav (India)</i> <i>Born too soon; Identifying the genomic triggers of preterm birth</i> <i>Dr Arindam Maitra (India)</i> <i>Is neural stem cell fate influenced by hypoxic conditions in utero?</i> <i>Dr Sudip Sen (India)</i> 	<p align="center">Panel Discussion-3 <u>Biological reference interval</u></p> <p>Chairperson: <i>Dr Tester Ashavaid</i></p> <p>Convenor: <i>Dr Seema Bhargava</i></p> <p>Panellists:</p> <ol style="list-style-type: none"> <i>Dr Sedef Yenice</i> <i>Dr Sudip Kumar Dutta</i> <i>Dr Barnali Das</i> <i>Dr Swarup Shah</i> <i>Dr Nilesh Chandra</i> <i>Dr Mamta Kankra</i> <i>Dr Kiyoshi Ichihara</i>

12:30 onwards	<p align="center">Industrial Lecture (Roche)</p> <p>Speaker: <i>Dr Seema Bhargava (India)</i> Clinical utility of PIVKA & GAAD Score in HCC Management</p>	<p align="center">Industrial Lecture (Sciex)</p> <p>Speaker: <i>Mr Kankan Jana (India)</i> Advanced LC-MS/MS Techniques and Its Role in Precision Medicine for Inborn Errors Metabolism</p>		
13:00-14:00 LUNCH				
14:00-15:30	<p align="center">Symposium-23 Precision medicine</p> <p>Chairpersons: <i>Dr Amitava Das Gupta, Dr Tahir Pillay</i></p> <p>Speakers:</p> <ol style="list-style-type: none"> <i>Transformative Advances from Sweat Test to Precision Medicine in Cystic Fibrosis</i> <i>Dr Neeraj Sharma (USA)</i> <i>Navigating the Genomic Landscape: A Pathway to Precision Medicine</i> <i>Dr Binu Kumar (India)</i> <i>Role of Vitamin D Receptor polymorphisms in health and diseases: Moving towards personalised medicine</i> <i>Dr Sudip Kumar Datta (India)</i> <i>AI & Machine Learning to advance Precision Medicine in treating Acute Myeloid Leukemia</i> <i>Dr Jatinder Lamba (USA)</i> 	<p align="center">Symposium-24 Drug delivery and therapeutics</p> <p>Chairpersons: <i>Dr Vishwajeet Rohil, Dr Sadhna Sharma</i></p> <p>Speakers:</p> <ol style="list-style-type: none"> <i>Newer Frontiers in Therapeutic Drug Monitoring (TDM)</i> <i>Dr Tester Ashavaid (India)</i> <i>Novel Treatment Strategies to Restore Temporal Lobe Epilepsy-induced Cognitive Deficits and Abnormal Synaptic Plasticity: Current Challenges and Future Treatment Prospects</i> <i>Dr B S S Rao (India)</i> <i>Non-invasive Posterior Eye Delivery using nanostructured systems</i> <i>Dr Indu Pal Kaur (India)</i> <i>Apoptosis in parasitic nematode: In search of therapeutic targets</i> <i>Dr Kalyan Goswami (India)</i> 	<p align="center">Symposium-25 Application of OMICS in health & diseases</p> <p>Chairpersons: <i>Dr Navneet Dhillon, Dr Arindam Maitra</i></p> <p>Speakers:</p> <ol style="list-style-type: none"> <i>Beyond Coding: The Crucial Role of RNAs in Human Cells</i> <i>Dr Sandeep Kumar Saxena (India)</i> <i>Integrating epigenomic, genomic & proteomic approaches in cardiovascular risk assessment in chronic kidney disease</i> <i>Dr Medha Rajappa (India)</i> <i>From the Laboratory to Global Healthcare: A Novel Blood-based mRNA Genomics Technology for Precision Medicine, Including Screening, Early Detection, Prognosis, and Treatment Follow-up in Prostate Cancer.</i> <i>Dr Rajvir Dahiya (USA)</i> 	<p align="center">Symposium-26 Neurodegenerative and Mental health disorders</p> <p>Chairpersons: <i>Dr Rajat Sandhir, Dr Manish Modi</i></p> <p>Speakers:</p> <ol style="list-style-type: none"> <i>Interrogating metabolism to know UNKNOWN in multiple sclerosis</i> <i>Dr Shailendra Giri (USA)</i> <i>Unveiling the Neuroprotective and Neurorescue Potential of Bacopa Monnieri in Parkinson's Disease: Insights from In Silico and In Vivo Studies.</i> <i>Dr Shivani Pandey (India)</i> <i>Klotho: A Key Player in Cognitive Preservation</i> <i>Dr Dharmveer Yadav (India)</i> <i>Protective role of reduced DRP1 in Alzheimer's disease</i> <i>Dr Ramesh Kandimalla (India)</i>
15:30-16:00	<p>Hall-A Valedictory lecture Speaker: Dr Bernard Gouget Chandigarh and the Open Hand: Le Corbusier's Vision of the Intelligent Indian City</p>			
16:00 onwards	VALEDICTORY			