

IFCC WORLDLAB NEW DELHI 2026

27TH INTERNATIONAL CONGRESS OF CLINICAL CHEMISTRY AND LABORATORY MEDICINE
52ND CONGRESS OF ASSOCIATION OF CLINICAL BIOCHEMISTS OF INDIA

IfCC
WorldLab



OCTOBER 25-29, 2026 | NEW DELHI, INDIA



25-29 OCTOBER 2026
INDIA INTERNATIONAL CONVENTION & EXPO CENTRE

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Rajiv Ranjan Sinha, *Co-Chair*
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Endang Hoyaranda
Ana-Maria Šimundić
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Praveen Sharma
Sergio Bernardini
Tony Badrick
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Praveen Sharma, Co-Chair
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Qing Meng

WELCOME MESSAGES



Dear Colleagues and Friends,
On behalf of the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC), it is my distinct pleasure and honor to extend to you a warm invitation to attend the 27th International Congress of Clinical Chemistry and Laboratory Medicine (Worldlab New Delhi 2026). This esteemed joint event of IFCC with the Asia and Pacific Federation of Clinical Chemistry (APFCB) will be hosted by the Association of Clinical Biochemists of India (ACBI) in New Delhi, India.

The Congress will be held in the India's largest International Convention and Exhibition Center (IICC), located in Dwarka, New Delhi, 10 km from Indira Gandhi International airport and Aerocity. Metro station is located inside the exhibition hall connecting IICC to the Airport, Aerocity hotels and New Delhi. 3500 hotel rooms are available within the IICC complex and 3600 rooms in the adjacent Aerocity.

WorldLab 2026 will serve as a platform to showcase the latest technologies and innovations in laboratory medicine, exploring their potential applications in healthcare. The Congress will enable an international forum uniting clinical laboratory scientist, researchers, clinicians, experts, in vitro diagnostic (IVD) professionals and other stakeholders for an enriching five-day experience of scientific exploration and education. This gathering will facilitate the exchange of ideas and foster collaboration between laboratory scientists and clinicians, with the ultimate objective of advancing patient care and outcomes. We are committed to organizing a green, sustainable, and eco-responsible event.

The Scientific Program Committee will dedicate to curating an exceptional, thought-provoking, and inspirational multidisciplinary program covering a broad range of important themes such as innovative fields, new biomarkers, advanced diagnostics and cutting-edge techniques utilized in laboratory medicine. The program will be designed to be interactive allowing time for discussions and assuring a valuable opportunity to the participants to improve their knowledge and skills. Esteemed international speakers and key opinion leaders will present on a myriad of topics spanning healthcare, recent diagnostic technologies, scientific breakthroughs, and the challenges. The topics suggested by the International Scientific Advisory Board will be considered in designing the WorldLab 2026 program.

The IVD Sector will support the Congress organizing high-level Educational Workshops on important topics with eminent speakers presenting the latest scientific advances in all disciplines pertinent to laboratory medicine and a great exhibition floor allowing the diagnostic industry to display their latest products.

Please mark October 25-29, 2026, in your calendar to attend WORLDLAB in New Delhi, India. Join us for an extraordinary opportunity to engage with leading experts and scientists in our field. Your presence promises to elevate the 27th WorldLab into a truly unforgettable congress.

Tomris Ozben
IFCC, President
Congress President and Co-Chair, IFCC WorldLab Congress 2026 – New Delhi

WELCOME MESSAGES



Dear Friends,

On behalf of the Congress Organizing Committee and the host society, the Association of Clinical Biochemists of India (ACBI), I am pleased to invite you to attend the IFCC WorldLab 2026 at "Yashobhumi", our state-of-the-art convention center in Dwarka, New Delhi. The event will be held from October 25th to 29th, 2026.

Our scientific program, curated by eminent members of the scientific committee, will offer an exciting and informative program on the cutting edge of the science of laboratory medicine. We aim to present exemplary science that will be of interest to all attendees, allowing them to update their knowledge on recent developments and advances, share expertise and experience, as well as discuss problems in their field of practice. The program will feature various parallel sessions covering a wide variety of topics, enabling attendees to tailor the program to their own interests and clinical practice, along with information-packed Pre-Congress Workshops.

The congress is being held at 'YASHOBHUMI' Convention & Congress Centre in Sector 25, Dwarka, inaugurated by the Honorable Prime Minister of India, Shri Narendra Modi, in 2023. It is easily accessible from the international airport, with over 5000 hotel rooms available within a 5-7 km radius.

Through IFCC WorldLab Congress, sponsor companies will have the opportunity to display their products to key individuals in a country that is one of the biggest markets for the IVD industry. It would also be a great forum for them to interact with the world's top leaders in the field of biochemistry and laboratory medicine. India is a diverse country that offers travelers a

chance to experience its beauty, from the pristine beaches of Goa to the grand castles and palaces of Rajasthan. From the Switzerland of the East (Kashmir) to God's Own Country in the South (Kerala). Consider exploring this beautiful land and its friendly people either before or after the congress.

I look forward to your participation in making IFCC WorldLab 2026 New Delhi a grand event and a great success.

Guests are like God

Best regards,

Rajiv Ranjan Sinha

Co-Chair, IFCC WorldLab Congress 2026 – New Delhi

WELCOME MESSAGES



Dear Friends and Colleagues,

On behalf of the Asia-Pacific Federation of Clinical Biochemistry and Laboratory Medicine, I would like to invite you to the IFCC WorldLab 2026 in New Delhi. You will be exposed to the latest advances in our science together with the cultural delights of vibrant India. We all work in difficult times with ever-increasing demands on our time to improve the efficiency and value of our pathology services. New knowledge in the way we understand disease and practice pathology is being created at an astounding rate, and it is critical for patient care that we understand how these new practices will impact on our future decisions. The program will include discussion and insights into our vital diagnostic problems and possible future directions for current laboratory practice.

Join us in New Delhi to be refreshed and revived.

Tony Badrick

APFCB, President

WELCOME MESSAGES



Dear Friend/Colleague,
Welcome to India! It gives me immense pleasure to extend my invitation to all our colleagues and friends from across the globe to attend "WorldLab New Delhi 2026" from 25th to 29th October 2026 as well as explore the nation known for its "Unity in Diversity", India! Apart from the scientific feast we're carefully tailor-making, India has a lot more to offer for her guests. The famous English poet and writer, Mark Twain once remarked, "India is the cradle of the human race, the birthplace of human speech, the mother of history, the grandmother of legend, and the great-grandmother of tradition."

The venue of the conference is "Yashobhoomi", Dwarka, New Delhi; the largest convention center in India/Asia, with a capacity of 11,000, and among the world's largest MICE facilities. There are hotel facilities to cater to the needs of all delegates in the vicinity of the convention center itself.

The scientific program will encompass the best in the world in the field of clinical chemistry and laboratory medicine and will be the greatest highlight of "WorldLab New Delhi 2026". It will cater to the needs

of youngsters, including research scholars and junior faculty, and experts in the field. There will be lots of opportunities for networking as well as interacting with members of the IVD industry, who will be showcasing some of their cutting-edge technological advances.

Looking forward to meeting you in-person in October 2026!!!

Jai Hind!!!

Indu Verma
ACBI, President

WELCOME MESSAGES



Dear Colleagues and Friends,
we are delighted to announce the upcoming IFCC-WorldLab conference, set to take place in New Delhi, India, from October 25 - 29, 2026. This conference serves as a pivotal platform to address the formidable challenges encountered by healthcare systems and laboratory medicine worldwide, directly impacting patient outcomes. IFCC stands at the forefront of generating evidence on the value and impact of laboratory medicine in enhancing healthcare delivery on a global scale.

In an era of advancing clinical research, precision medicine, biomedical discovery, and medical diagnosis, the significance of Artificial Intelligence (AI) and Data Science cannot be overstated. Foundational techniques such as machine learning (ML), including its subsets like deep learning, and other AI-driven approaches play a crucial role in assisting epidemiologists and clinicians in predicting virus spread and preventing non-transmissible diseases through early detection, monitoring, data compilation, and healthcare worker training. Concurrently, the utilization of telemedicine, mobile health, and the Internet of Things continues to rise. It is incumbent upon Laboratory Medicine professionals to effectively implement and evaluate these innovative technologies and practices within healthcare delivery services, while also deliberating on regulatory and ethical considerations to safeguard patient safety.

The Scientific Program Committee for IFCC WorldLab New Delhi 2026 is diligently curating an exhilarating program that aims to showcase the future of laboratory diagnostics, encompassing cutting-edge science and disruptive technologies in laboratory medicine. Furthermore, the committee is dedicated to maintaining a meticulous balance with traditional Laboratory Medicine. We are confident that participants from around the world will find IFCC WorldLab New Delhi 2026 to be a gratifying and unforgettable experience.

We eagerly anticipate our gathering in New Delhi at IFCC WorldLab 2026.

Warm regards,

Praveen Sharma, Sergio Bernardini
Scientific Program Committee Co-Chairs
IFCC WorldLab Congress 2026 - New Delhi

17.00-19.00
OPENING CEREMONY

OPENING LECTURE
Global Impact of Tuberculosis with a Particular Emphasis on Diagnostic Tools
Soumya Swaminathan, India



Soumya Swaminathan, India

Soumya Swaminathan, a pediatrician and global expert in tuberculosis and HIV research, recently served as WHO's Chief Scientist and previously as Director General of the Indian Council of Medical Research (ICMR), Ministry of Health and Family Welfare, Government of India (2015-2017). She assumed the role of Chairperson at the M S Swaminathan Research Foundation (MSSRF) in February 2023. She is also the Principal Advisor to National Tuberculosis Elimination Programme (NTEP), Ministry of Health and Family Welfare, Government of India.

With over 40 years of experience in clinical care and research, Dr. Swaminathan has dedicated her career to translating research into impactful health programs. As Secretary to the Government of India for Health Research, her efforts were focused on integrating science into health policy-making, enhancing research capabilities in Indian medical institutions, and fostering global partnerships in health sciences.

Dr. Swaminathan received her academic training in India, the UK, and the USA, and has authored over 480 peer-reviewed publications and book chapters. She is a Fellow of the US National Academy of Medicine, the Academy of Medical Sciences (UK), and all major science academies in India. She holds honorary doctorates from prestigious institutions including Karolinska Institute, EPFL Lausanne, and the McGill

University, Canada. She currently co-chairs a global commission "Our Common Air" and serves on the Kofi Annan Commission on Food Security. She holds adjunct professorships at Karolinska University (Sweden) and Tufts University (USA). Currently, Dr. Swaminathan serves on the boards of Alliance Bioversity, Population Foundation of India, Institute for Global Environmental Strategies (IGES) and Women Lift Health, among others. She is a member of the Governing Council of the Tamil Nadu Climate Change Mission, member of One Health and Climate Change Strategic Committee, Government of Tamil Nadu and Chairs the Scientific Advisory Board of the Indian Council of Medical Research (ICMR).

During her tenure as WHO's first Chief Scientist, Dr. Swaminathan established the Science Division focusing on research, quality assurance of norms and standards, and digital health. She played a pivotal role in coordinating global scientific efforts and was instrumental in setting up Covax to ensure equitable vaccine distribution to Low and Middle-Income Countries during the COVID-19 pandemic.

Her current focus is on addressing the health impacts of climate change, especially on women and children and food system transformations to strengthen nutrition security in India and regionally.

SUNDAY
25th
OCTOBER
2026

09.00-11.00
IFCC SYMPOSIUM 1

**Advancing Lab Medicine through Ethics:
Safeguarding Scientific Integrity, Big Data, and Patient-Centered Care**
Chairs: Tomris Ozben (Türkiye), Joe Wiencek (USA)

Ethical Foundations and Scientific Integrity in Laboratory Medicine - **J. Wiencek, USA**
Ensuring Data Privacy is the Era of Big Data and Artificial Intelligence - **S. Datta, India**
Direct-to-Consumer Testing: Benefits and Concerns of Commercially Accessed Laboratory Tests - **M. Orth, Germany**
Advancing Patient Blood Management: Ethical Issues and Innovations - **A. Amayo, Kenya**

09.00-11.00
SYMPOSIUM 1

Mass Spectrometry and Automation: The Next Frontier in Clinical Laboratories
Chairs: Barnali Das (India), Marie Lenski (France)

Automation and Mass Spectrometry: The Next Revolution in Clinical Laboratories - **Pieter Vermeersh, Belgium**
Mass Spectrometry Assay Development in Advanced Diagnostics - **Pandey Akhilesh, USA**
High-Resolution Mass Spectrometry for Metabolomics: From Bench to Bedside - **Marie Lenski, France**
2 oral communications selected from abstracts

09.00-11.00
SYMPOSIUM 2

Thyroid Diagnostics Redefined: The State-of-the-Art in Function Testing
Chairs: Petra Petranović Ovčariček (Croatia), Damien Gruson (Belgium)

From Clinical Needs to Guidelines - **Petra Petranović Ovčariček, Croatia**
How to Deal with Discordant Thyroid Function Tests - **Krishna Chatterjee, UK**
Emerging Technologies to Close Diagnostic Gaps in Thyroid Function Testing - **Damien Gruson, Belgium**
2 oral communications selected from abstracts

09.00-11.00
SYMPOSIUM 3

Reproductive Laboratory Medicine
Chairs: Giuseppe Novelli (Italy), Zhen Zhao (USA)

Reproductive genetics: from cytogenetics to cytogenomics - **Giuseppe Novelli, Italy**
Advances in NIPT - from trisomies to monogenic diseases - **Madhuri Hegde, USA**
Preimplantation genetic testing - **Valerio Pisaturo, Italy**
Preclampsia - **Zhen Zhao, USA**



MONDAY
26th
OCTOBER
2026

11.30-12.30

PLENARY LECTURE 1

Utility of cell free DNA in cancer diagnosis

Allen Chan, Hong Kong, China



Allen Chan, Hong Kong, China

Prof. Allen Chan is currently serving as the Associate Vice-President (Knowledge Transfer) of The Chinese University of Hong Kong (CUHK) and the Chairman of the Department of Chemical Pathology at the Faculty of Medicine at CUHK. He also serves as the Chief of Service for Chemical Pathology at the Prince of Wales Hospital. Prof Chan's research focus is on the development of plasma DNA-based technologies non-invasive prenatal testing and cancer detection. The non-invasive prenatal testing (NIPT) method developed by their team has since gained global recognition, with millions of tests performed annually. Prof. Chan is a co-inventor of over 140 inventions, boasting an impressive 1,800 patents granted worldwide. In 2020, Nature Biotechnology acknowledged Prof. Chan's contributions, listing him as one of the top twenty translational researchers. Prof. Chan has pioneered the use of digital PCR for plasma DNA analysis. In 2009, he demonstrated that EGFR mutation can be sensitively detected in plasma of lung cancer patients by digital PCR. The "drop-off design" has been widely adopted for the detection of the exon 19 deletion and other variable deletions. The principle of NIPT was first illustrated using manual version of digital PCR. For these contributions, Prof. Chan was bestowed the "Positive Droplet Award" in 2023. Prof. Chan, together with his mentor Prof. Dennis Lo and long-term collaborator Prof. Rossa Chiu, ventured into the realm of entrepreneurship. They founded several biotechnology companies to further commercialize their inventions. Xcelom provided invaluable NIPT services to pregnant women, while Cirina, specializing in cancer-screening technologies, merged with Grail in 2017 before being acquired by Illumina for a staggering USD 8 billion.

12.30-14.30

WASPALM SYMPOSIUM

Perspectives in Laboratory Medicine

Chairs: Roberto Verna (Italy), Tahir Pillay (South Africa)

AI and synthetic data as a new research and educational resource for laboratory medicine - **Tahir Pillay, South Africa**

Integrated Laboratory Medicine in the Digital Era: Harmonisation, Interoperability and Distributed Expertise - **Elisabetta Stenner, Italy**

Laboratory Medicine in Immune Checkpoint Inhibitor-Induced Autoimmune Disorders: Baseline Assessment, Diagnostic Algorithms, Monitoring, and Predictive Biomarkers - **Roberto Verna, Italy**

14.30-16.30

IFCC SYMPOSIUM 2

Method Evaluation in Clinical Laboratories: Challenges and Opportunities

Chairs: Rosita Zakaria (Australia), TBD

Method Evaluation: A Practical Overview - **Rosita Zakaria, Australia**

Is Statistical Significance Sufficient? A Critical Perspective on Method Evaluation in Clinical Laboratories - **Hamit Hakan Alp, Türkiye**

Total Error versus Measurement Uncertainty in Method Evaluation - **Mai Tran, Vietnam**

Practical Method Evaluation; Method Validation for LC-MS/MS Techniques - **Mark De Hora, New Zealand**



14.30-16.30

COLABIOCLI SYMPOSIUM

Clinical Laboratory and Primary Health Care in Infectious Diseases:

Experiences and Prevention Strategies in Latin America

Chairs: Gloria Y. Saucedo (Panama), Ana Sofía Duarte (Guatemala)

The role of the public clinical laboratory in surveillance of infectious diseases - **Gloria Y. Saucedo, Panama**

Community-based prevention of zoonoses: Chagas disease and Leishmaniasis - **Cristian Rivilla, Ecuador**

Pediatric respiratory infections and malnutrition: an interdisciplinary approach - **Ana Sofía Duarte, Guatemala**

University clinical laboratory responses during COVID-19 - **Francisco Josué Carrillo Ballesteros, Mexico**



14.30-16.30

APFCB SYMPOSIUM 1

Why newborn screening isn't just a lab test

Chairs: Dianne Webster (New Zealand), Natasha Heather, New Zealand

Newborn screening system and pathway (including but also beyond the laboratory) - **Dianne Webster, New Zealand**

Prenatal factors influencing result quality - **Chloe Mak, Hong Kong, China**

Measurements in hours: newborn biochemistry is not typical biochemistry or retitle Importance of neonatal physiology in reference ranges/cutoffs for newborn babies - **Ashleigh Brown, New Zealand**

Considerations for starting screening and adding new disorders - **Santosh Pradhan, Nepal**



14.30-16.30

SYMPOSIUM 4

Advancing Mental Health and Neurological Care through Neurochemical Insights

Chairs: Pradeep K. Dabla (India), Sylvain Lehmann (France)

Neurochemical Insight and Management of Neurodegenerative Diseases - **Sylvain Lehmann, France**

Neurochemical Precision Medicine: Tailoring Diagnostics for Epileptic Disorders - **Pradeep K. Dabla, India**

From Fly Brains to Human Minds: Translating Neurochemical Discoveries into Precision Mental Health Therapies - **Mohammad Farhan, Qatar**

2 oral communications selected from abstracts

09.00-11.00

IFCC SYMPOSIUM 3

Laboratory Management Training: Global Insights, Future Directions, and Innovative Strategies

Chairs: Praveen Sharma (India), Chuanxin Wang (China)



Global Lab Management Training Survey: Current State and Future Directions - **Annalise Zemlin, South Africa**

Leadership Development in Laboratory Management: From Trainee to Lab Manager - **Prasenjit Mitra, India**

Leveraging Artificial Intelligence in Lab Management Training: Opportunities and Challenges - **Mahesheema Ali, USA**

Enhancing Lab Management Training: Strategies for Improvement- **Praveen Sharma, India**

09.00-11.00

ACBI SYMPOSIUM 1

Cancer Biology from Laboratory to the Clinic

Chairs: Subrata Sinha (India), Shyam S. Chauhan (India)

Unravelling a novel oncogene in glioma - **Subrata Sinha, India**

Cysteine Cathepsins as diagnostic markers and therapeutic targets in Leukemia - **Shyam S. Chauhan, India**

Liquid biopsy in Oral Cancer: A future for precision medicine and personalized management - **Arnab Pal, India**

Multiomics in Cancer Clinics: The way forward - **Anurag Mehta, India**

09.00-11.00

SYMPOSIUM 5

The Changing Landscape for Acute Kidney Injury & Chronic Kidney Disease

Chairs: Joris Delanghe (Belgium), Graham Jones (Australia)

Kidney Function Testing for Drug Dosing Decisions - **Graham Jones, Australia**

The Harmonization Hurdle: Uncovering Analytical and Reporting Variances in Kidney Disease Testing - **Rajeevan Selvaratnam, Canada**

Urinary flow cytometric data as an easily accessible biomarker for diagnosing AKI – **Joris Delanghe, Belgium**

2 oral communications selected from abstracts

09.00-11.00

SYMPOSIUM 6

Liquid Biopsy: Early Detection of Cancer and Minimal Residual Disease

Chairs: Catherine Alix-Panabières (France), Klaus Pantel (Germany)

Liquid Biopsy: From Discovery to Clinical Application - **Catherine Alix-Panabières, France**

Liquid Biopsy in Cancer Prevention and Early Detection: A Public Health Perspective - **Sudhir Srivastava, USA**

European consortia on early detection of cancer and minimal residual disease – **Klaus Pantel, Germany**

2 oral communications selected from abstracts

TUESDAY
27th
OCTOBER
2026



11.30-12.30

PLENARY LECTURE 2

Developing Communities that Eliminate Heart Disease in Our Lifetimes

Jagat Narula, USA



Jagat Narula, USA

Jagat Narula, MD, PhD, FESC, MACC, a world-renowned physician-scientist and leader in academic medicine, is the Executive Vice President and Chief Academic Officer, at the University of Texas Health Sciences Center, Houston, Texas, where he works with 7 deans and members of the UTHealth Houston leadership team to advance the academic mission and promote excellence in education and research. He is also the current President of the World Heart Federation. Dr. Narula's far-reaching experience includes leading cardiology programs, heart failure-transplantation program, and cardiovascular imaging programs, as well as global health initiatives, and grant-funded translational research that advances clinical care, with an emphasis on heart disease prevention in patients and communities globally. He has served as Editor-in-Chief/Executive Editor of JACC Imaging, JACC and Global Heart, and is the editor of Hurst's the Heart with Dr. Fuster.

14.30-16.30

NAFCC SYMPOSIUM

Contemporary Topics in Clinical Testing for Women and Children

Chairs: Shannon Haymond (USA), Paul Yip (Canada)

How a Randomized Controlled Trial on Optimizing the Diagnosis of Acute Myocardial Infarction/Injury in Women (CODE-MI) has also Optimized Troponin Analytics - **Peter Kavsak, Canada**

Improving the Diagnostic Accuracy for Preeclampsia with Novel Biomarkers - **Paul Yip, Canada**

An Update on the Status of Neonatal Bilirubin Measurement – **Stanley Lo, USA**

Deploying AI Approaches to Automate Critical Steps in Genomic Testing Workflows – **Shannon Haymond, USA**



14.30-16.30

SYMPOSIUM 7

Antimicrobial Resistance: Innovations and Integrated Approaches

Chairs: Swarup Shah (India), Jan Verbakel (Belgium)

One Health and Antimicrobial Resistance: A Clinical Microbiology Perspective - **Benoit Pilmis, France**

CRISPR Technologies: A New Frontier Against Antimicrobial Resistance? - **Swarup Shah, India**

Point-of-Care Testing and New Biomarkers: What Can We Expect in AMR Diagnostics? - **Jan Verbakel, Belgium**

2 oral communications selected from abstracts

14.30-16.30

SYMPOSIUM 8

Prevalence and management of Diabetes

Chairs: Sergio Bernardini, TBD

Prevalence, aetiology, and management of diabetes - **Nikhil Tandon, India**

New biochemical parameters, continuous glucose monitoring the role of AI in diabete management - **Leslie Lai, Malaysia**

Biotechnology perspectives in Diabetes Diagnosis and monitoring - **Luo Yang, China**

2 oral communications selected from abstracts

14.30-16.30

SYMPOSIUM 9

Biomarkers of neurodegeneration in Alzheimer's disease

Chairs: Alicia Algeciras-Schimmich (USA), Henrik Zetterberg (Sweden)

Alzheimer's disease CSF biomarkers - **Alicia Algeciras-Schimmich, USA**

Alzheimer's disease blood biomarkers - **Henrik Zettenberg, Sweden**

Influence of comorbidities and copathologies on Alzheimer's disease biomarkers interpretation- **Alessandro Martorana, Italy**

2 oral communications selected from abstracts

09.00-11.00

IFCC SYMPOSIUM 4

IFCC's innovative communication strategies

Chairs: Harjit Pal Bhattoa (Hungary), Maurizio Ferrari (Italy)

Advancing scientific research via the IFCC Electronic Journal (eJIFCC)

Kannan Vaidyanathan, India

Unique role of the internet and digital communication in Laboratory Medicine - **Deniz Topcu, Türkiye**

Global Med Lab Week and its importance in Laboratory Medicine - **Maria del Carmen Pasquel Moxley, Ecuador**

Communication as a beacon to disseminate knowledge in Laboratory Medicine - **Qing Meng, USA**



WEDNESDAY
28th
OCTOBER
2026

09.00-11.00

ACBI SYMPOSIUM 2

Common clinical scenarios in India - A Biochemist's perspective

Chairs: Seema Bhargava (India), Rajiv Sinha (India)

Indian perspective of Acute Kidney Injury: KIDGO 2012 or AACC 2020? Implementation of E alerts & in search of newer Biomarkers - **Barnali Das, India**

Drug Induced Liver Injury due to Anti Tubercular therapy - DILI-ATT: Demographic and Lab correlates - **Mithu Banerjee, India**

Navigating through the International Consensus on ANA (ICAP): AC 2,4,5&29 patterns in a subset of Indian population - **Mala Mahto, India**

Targetted Management of Immune Mediated Allergies - Specificity is the key - **Seema Bhargava, India**



09.00-11.00

SYMPOSIUM 10

Protein electrophoresis reporting - current status and possible improvements

Chairs: Nilika Wijeratne (Australia), Chaochao Ma (China)

Clinical Guidelines and Reporting Practices: What Clinicians Need from Protein Electrophoresis - **Nilika Wijeratne, Australia**

Protein electrophoresis reporting: laboratory guidelines and Lessons from regional audit - **Pavai Sthaneswar, Malaysia**

Establishing Reliable Reference Intervals for Serum Protein Electrophoresis Parameters: Role of Indirect Sampling and Implications for Electrophoresis

Reporting – **Chaochao Ma, China**

2 oral communications selected from abstracts

09.00-11.00

AFCB SYMPOSIUM

Lipid Disorders and Cardiovascular Risk

Chairs: Christian Haddad (Lebanon), Anwar Borai (Saudi Arabia)

The molecular basis of familial hypercholesterolemia - **Marianne Abifadel, Lebanon**

Personalized Secondary Prevention in Acute Coronary Syndromes: From Genetics to Clinical Practice - **Asma Omezzine, Tunisia**

Impact of SLC01B1 c.521T>C Polymorphism and Non-Genetic Factors on Statin-Associated Myopathy Risk in Middle Eastern Patient - **Lama Youssef, Syria**

Lipoprotein(a): The Latest on Testing and Guideline Recommendations - **Shereen Atef, UAE**



09.00-11.00

PLENARY LECTURE 3

The rise of Metrology for Bioanalysis in Healthcare

Jim Huggett, UK



Jim Huggett, UK

Prof. Jim Huggett is the Director of Biological Metrology at the National Measurement Laboratory (NML), the UK's Designated Institute for chemical and biological measurement hosted at LGC, which focusses on supporting measurement accuracy and standardisation relevant to fields spanning diagnostic testing, genomics and biotechnology. Following his PhD Jim moved to University College London to work with Professor Alimuddin Zumla on infectious disease diagnosis in low and middle income countries. While working with scientists from several African nations he recognised that diagnostic standardisation represented a major barrier to ensuring accuracy and wider uptake. Inspired this challenge, in 2009 he moved to the NML where he now leads a team focusing on routes to better standardise and improve the accuracy of bioanalytical testing.

14.30-16.30

APFCB SYMPOSIUM 2

Heavy Metals in Modern Medicine: Diagnostics for a Toxic World

Chairs: Vivek Pant (Nepal), Thupil Venkatesh (India)

Optimizing Laboratory Diagnosis of Lead Poisoning: From Detection to Monitoring – **Vivek Pant, Nepal**

Application of GFAAS for Blood Lead Quantification: Method Development and Public Health Insights from Vietnam – **Mai Thi Chi Tran, Vietnam**

Molecular aspect of heavy metal toxicity – **Rajat Sandhir, India**

2 oral communications selected from abstracts

14.30-16.30

SYMPOSIUM 11

Transformational Leadership in Clinical Laboratories: Strategies for Success

Chairs: Sedef Yenice (Türkiye), TBD

Laboratory Leadership in Changing Healthcare Landscape – **Lucy Perrone, Canada**

Digital Transformation as a Catalyst for Laboratory Leadership: From Connectivity to Intelligence – **Sedef Yenice, Türkiye**

Quality, Compliance, and Innovation: Harmonizing Standards and Strategy through Leadership – **Sohini Sengupta, India**

2 oral communications selected from abstracts

09.00-11.00

SYMPOSIUM 12

The Future-Ready Lab: Artificial Intelligence, Blockchain Security and System Resilience

Chairs: Prasenjit Mitra (India), Ian Godber (UK)

The Use of Artificial Intelligence in Laboratory Medicine – **Hikmet Can Cubukcu, Türkiye**

Securing the Chain: The role of Blockchain in Laboratory Data Management – **Shruti Gupta, India**

Resilient laboratory digital system design: preparing for the unexpected – **Ian Godber, UK**

2 oral communications selected from abstracts

09.00-11.00

SYMPOSIUM 13

Cybersecurity

Chairs: Christian Haddad (Lebanon), Anwar Borai (Saudi Arabia)

Healthcare and Laboratory Cybersecurity – **James Donnelly, USA**

Operational Resilience in Clinical Laboratories: Lessons learned from a Cyberattack at a University Medical Center – **Peter Finianos, Lebanon**

Open Source as a Catalyst for Next-Generation Medical AI – **Bernard Gouget, France**

Fortifying Our Digital Defenses: Cybersecurity Challenges in Laboratory Information Systems (LIS) – **Omar Al Hazza, Saudi Arabia**



09.00-11.00

IFCC SYMPOSIUM 5

The role of Bone status indices in investigation and management of metabolic bone diseases

Chairs: Samuel Vasikaran (Australia), Aylin Sepici Dinçel (Türkiye)

Why and how should we test biochemical markers of bone turnover in 2026 - **Harjit Bhattoa, Hungary**

Measurement and reporting of bone specific alkaline phosphatase in CKD associated osteoporosis, integrating Sclerostin

Aylin Sepici Dinçel, Türkiye

From D Deficiency to Resilience: Bone Health Strategies in the Asian Context - **Busadee Pratumvinit, Thailand**

Molecular markers of bone metabolism; the role of micro RNA in bone metabolism and its investigation – **Giovanni Lombardi, Italy**



THURSDAY
29th
OCTOBER
2026

09.00-11.00

AFCC SYMPOSIUM

Therapeutic Drug Monitoring: Challenges and Prospects

Chairs: Adekunle Bashiru Okesina (Nigeria), Vanessa Steenkamp (South Africa)

Barriers to the provision of TDM services - **Adekunle Bashiru Okesina, Nigeria**

Benefits and justification of TDM – **Hilary Lumano, Zambia**

Stepwise implementation of TDM – **Vanessa Steenkamp, South Africa**

Sustainability of TDM - **Gizachew Taddesse Akalu, Ethiopia**



09.00-11.00

EFLM SYMPOSIUM

Integrative Diagnostics in Modern Laboratory Medicine: From Data to Coordinated Clinical Decisions

Chairs: Jochen Lennerz (USA), Tomas Zima (Czech Republic)

Integrative Diagnostics in Real Clinical Pathways: Aligning Laboratory, Pathology and Care Teams for Better Decisions - **Jochen Lennerz, USA**

From Laboratory Data to High-Value Diagnostic Information: Foundations of Integrative Diagnostics - **Mario Plebani, Italy**

Breaking Silos: Multimodal Diagnostics as a Driver of Coordinated Patient Pathway - **Michael Neumaier, Germany**

Competencies for Laboratory Professionals in the Era of Integrative Diagnostics and Digital Care - **Tomas Zima, Czech Republic**



09.00-11.00

SYMPOSIUM 14

Traceability and Patient risk

Chairs: Tony Badrick (Australia), Anja Kessler (Germany)

Implementation of Metrology in Diabetes Care: Ensuring Patient Safety Through Measurement Excellence - **Anja Kessler, Germany**

Perspective from accreditation body – importance of metrological traceability for accreditation of medical testing laboratories in India - **Venkatesh Thuppil, India**

Chemical Metrology in Cardiovascular Care: on the way to Precision Diagnostics and more Effective Treatments – **Christa Cobbaert, the Netherlands**

2 oral communications selected from abstracts

11.30-12.30

PLENARY LECTURE 4

Total Lab Automation and Application of AI are the future for Rational, Integrated and Economic Patient Care

Ivan Brandslund, Denmark



Ivan Brandslund, Denmark

Ivan Brandslund was trained as a specialist in general medicine and chemical pathology

After research at NIH,USA he received the DMSc degree from University of Southern Denmark in 1986

From 1986 to 2019 he was director of the laboratories at University Hospital of Southern Denmark Vejle, and designed the new Laboratory Center with 5 lab specialities.

In 2009 he invented the Tempus600 system and transformed the lab into a total automated and robotized integrated system capable of performing all standard hematology,coagulation,immunology and biochemistry tests without human interference or presence, shortening turnaround time to 1 hour . Serving committees for the National Danish Health Board,the Society for Clinical Biochemistry, the Association for General Practitioners he formulated the Danish quality demands for POCT and laboratory testing , and biobanking.

The 10 million tests per year from the laboratory are now processed in the SAS VIYA AI platform for application as diagnostic support for doctors in the emergency department

Brandslund is co- or author of 330 papers with 20,000 citations and he has a H-Index of 58

He became professor of clinical biochemistry in 2011 and in 2023 he was elected an honorary member of the Danish Society for Clinical Biochemistry

ABSTRACT SUBMISSION

Congress delegates are cordially invited to submit abstracts of their scientific work for presentation at the IFCC WorldLab New Delhi 2026 Congress.

An unlimited number of abstracts may be submitted provided the presenting author applies for “full registration” or “young registration” (no “daily registration” allowed).

Abstracts are welcome in all fields of clinical chemistry, haematology, clinical molecular biology and laboratory medicine, in the broader sense. Abstracts will primarily be presented via poster. A limited number of abstracts will be selected also for oral presentation during congress symposia. Authors wishing to compete for these oral communication slots should mark the appropriate field on the on-line abstract-submission form.

DEADLINE FOR ABSTRACT SUBMISSION
15th May 2026, 18:00 CET

GENERAL REQUIREMENTS

The text must be clear, concise, and written in proper English. The content must not have been previously published in academic journals or subject to peer review. Significant technical information must not be withheld. Abstracts must absolutely contain results. Statements such as “results will be discussed” are not acceptable and will lead to rejection.

GENERAL INFORMATION

Deadline for receipt	Abstracts should be submitted by 15th May 2026, 18:00 CET.
Confirmation of receipt	Receipt of the abstract will be acknowledged by e-mail immediately after submission.
Notification of acceptance or rejection	Authors will be notified of acceptance or rejection within 30th June 2026.
Registration	The presenting author of each abstract must register for the congress with “Full Registration” or “Young Registration”.

IMPORTANT: when submitting the abstract, please make sure to indicate as presenting author the person who will register and attend the Congress (no other authors). The presenting author cannot be modified after the submission

HOW TO PREPARE AND SUBMIT AN ABSTRACT

It is important to carefully follow the instructions below. Incorrectly prepared abstracts will be rejected.

- Abstracts should be prepared off-line in advance;
- Prepare your abstract on a word processor (such as Microsoft Word);
- Do not include title, authors' names and affiliations in the abstract file
- Tables and figures are not allowed;
- References are not allowed;
- When abbreviations are used, spell out the full word at first mention in the text followed by the abbreviation in parentheses. Thereafter, use the abbreviation throughout.

When the on-line system requires the abstract to be entered, copy and paste your text. In case your text includes special characters (apex, subscript, Greek letters, etc.), please note that they should be inserted through the appropriate buttons which you can find in the online submission system.

- Abstracts are limited to 2300 characters, spaces included (title, authors' names and affiliations excluded). The system will automatically notify you if the abstract exceeds this number of characters.
- Title, author(s) and affiliation(s) must be added separately at the appropriate step.

IMPORTANT NOTICE

Abstract authors are asked to indicate the most suitable topic for presentation of their work and will also be asked whether they wish apply for an oral presentation during the scientific symposia.

LIST OF TOPICS

- Accreditation, Patient Safety, Risk management, Quality Assurance, Audit
- Antimicrobial resistance
- Artificial intelligence, clinical decision support and machine learning
- Bone diseases
- Cardiovascular diseases; risk assessment; cardiac markers
- Data Science , Digital health, big data and smart technologies
- Disease specific biomarkers: autoimmune, bone, cardiac, cancer, diabetes, neurological, sepsis, traumatic brain injury, ...
- Endocrinology
- Evidence based medicine, including Guidelines
- Genetic diseases
- Geriatric testing
- Green laboratories
- Hematology
- Immunology
- Infectious diseases
- Kidney diseases and transplantation, urinalysis, urinary biomarkers
- Laboratory Automation
- Laboratory Information Systems and globalization of NPU
- Laboratory Management, Medical leadership
- Mass Spectrometry
- Metabolic diseases, diabetes and lipid disorders
- Metrological traceability and test standardization/ harmonization and patient risk
- Molecular diagnostics, including CTC and ctDNA, cfDNA
- Neonatal and paediatric laboratory medicine, including prenatal testing
- Neurodegenerative diseases
- Nutrition Trace Elements and Vitamins
- Point of Care testing, critical care, emergency medicine
- Precision Medicine
- Protein electrophoresis
- Reference Intervals: Direct/Indirect; population vs personal reference intervals
- Test Evaluation, outcome studies, clinical utility of biomarkers
- Thrombosis and hemostasis
- Toxicology and Therapeutic Drug Monitoring
- Others

REGISTRATIONS

REGISTRATION FEES

All delegates must register for the congress.

Registration fees are as follows:

	UNTIL 15 JULY 2026	AFTER 15 JULY 2026 UNTIL 30 SEPTEMBER 2026	ON-SITE REGISTRATION
Full Registration	€ 500,00	€ 650,00	€ 750,00
Young Registration (≤40 years)*	€ 300,00	€ 300,00	€ 375,00
Emeritus (≥ 65 years and retired)**	€ 300,00	€ 300,00	€ 300,00
Day Registration	€ 175,00	€ 225,00	€ 250,00

* (born 1986 and later)

** (born 1961 and before)

The full registration and young registration fees include:

- entrance to plenary lectures, symposia, educational workshops, poster sessions and exhibition
- possibility to submit abstracts
- certificate of attendance
- coffee and tea service during intermissions
- Opening Ceremony (Sunday, 25 October 2026)
- Closing Ceremony (Thursday, 29 October 2026)

The day registration fee includes, for the day of registration only:

- entrance to plenary lectures, symposia, educational workshops, poster sessions and exhibition
- certificate of attendance
- coffee and tea service during intermissions

And in addition:

- Opening Ceremony (Sunday, 25 October 2026)
- Closing Ceremony (Thursday, 29 October 2026)

CURRENCY

Registration fees and charges for all events related to the IFCC WorldLab New Delhi 2026 Congress must be paid in Euros.

REMITTANCE

Registration fees shall be paid by credit card or bank transfer (within 5 days) through the on-line system available on the congress web site.

When paying by bank transfer, a copy of the transfer receipt must be sent to registrations@ifccnewdelhi2026.org.

Registrations without proof of payment will not be accepted. On-site registrations can be paid by credit card only. Cash and cheques will not be accepted.

CANCELLATION AND REFUND

Cancellations must be sent in writing to registrations@ifccnewdelhi2026.org. The amount equal to 80% of the fee paid will be refunded for cancellations received by 15 July 2026.

Until 30 August 2026 a refund of 50% of the fee will be granted.

After 30 August 2026 no refunds will be issued.

All refunds will be paid in Euros after the congress.

INVOICING and NAME CHANGING

When filling out the online registration form the Secretariat strongly recommend to pay particular attention to the Invoicing page.

Before registering, carefully check who the invoice shall be headed to and make sure you have all relevant information:

- header
- address
- VAT code
- fiscal code (for Italians only)
- PO number (if required)

Make sure the invoice details/name spelling you are going to indicate are the correct ones. In case of requests for data corrections and/or invoice re-issuing due to wrong data submission, the Organising Secretariat will apply a fee of € 50,00 for each new document re-issued, which shall be paid in advanced.

IMPORTANT NEWS: REDUCED REGISTRATION FEES FOR LOW AND LOW-MIDDLE INCOME COUNTRIES MEMBERS OF IFCC

Delegates coming from one of the countries classified as Low and Low-Middle Income Countries according to the WBO classification whose national societies are members of the IFCC can benefit of 50% reduction on the above-mentioned registration fees (daily registrations excluded).

To take advantage of this opportunity, please send a copy of your passport to the Organising Secretariat (registrations@ifccnewdelhi2026.org). You will then receive a discount code to be inserted when registering to the Congress. The discount code is unique and cannot be transferred to other people.

IMPORTANT: The above-mentioned reduction is valid for individual registrations only. It does not apply to registrations sponsored by companies.

GROUP/COMPANY REGISTRATIONS

The online system allows industry to register as a company and therefore manage bookings, payments and single or group registrations individually with the possibility of inserting lists and single names over time.

Through the online system will be possible:

- Manage of online registration by sponsor companies
- Purchase "registration packages" and then proceed to insert/change names over time
- Individual management of invoices, with the administrative prospectus

It is possible to pay via bank transfer only.

The settlement should be done within 5 days from the issue of the invoice.

CANCELLATION OF THE CONGRESS

The congress secretariat reserves the right to cancel the congress, shift venue, or change dates without notice in case of "force majeure".

Neither MZ Events nor the Congress Organizing Committee shall be liable for any damage claims.

LIABILITY AND INSURANCE

Registration fees do not include the insurance of participants against personal accidents, sickness and cancellations by any party, theft, loss or damage to personal possessions. Participants are advised to take out adequate personal insurance to cover travel, accommodation, cancellation and personal effects.

Please find below the list of the concerned countries:

Country	Region	Classification
Egypt	AFCB	LM
Jordan	AFCB	LM
Lebanon	AFCB	LM
Morocco	AFCB	LM
Palestine	AFCB	LM
Tunisia	AFCB	LM
Kenya	AFCC	LM
Nigeria	AFCC	LM
Zambia	AFCC	LM
Zimbabwe	AFCC	LM
India	APFCB	LM
Nepal	APFCB	LM
Pakistan	APFCB	LM
Philipines	APFCB	LM
Sri Lanka	APFCB	LM
Vietnam	APFCB	LM
Bolivia	COLABIOCLI	LM
Myanmar	OTHER	LM
Sudan	AFCB	L
Syria	AFCB	L
Ethiopia	AFCC	L
Malawi	AFCC	L

CONGRESS VENUE

Yashobhoomi: India's Marvel of Convention and Hospitality

A World-Class Destination for Global Events

Yashobhoomi (India International Convention and Expo Centre - IICC) stands as a symbol of India's excellence in hosting world-class conventions, exhibitions, and cultural events. Strategically located in Dwarka, New Delhi, it is one of the largest convention centers in India, showcasing India's commitment to innovation, sustainability, and global connectivity.

Sustainable & Smart Venue

A Green Building Certified project, Yashobhoomi integrates eco-friendly materials, rainwater harvesting, energy-efficient lighting, and a futuristic waste management system, making it an environmentally responsible choice for global events.

How to Reach Yashobhoomi – Seamless Connectivity for Global Visitors

By Metro – Direct Connectivity Inside the Venue

- Airport Express Line – The Yashobhoomi Dwarka Sector 25 Metro Station is located inside the venue, providing direct connectivity from Indira Gandhi International Airport (IGI) and New Delhi Railway Station.
- Travel time from Airport to Yashobhoomi: Just 6 minutes!
- Travel time from New Delhi Railway Station: 20 minutes via Airport Express Line.

By Road – Smooth & Quick Access

Located close to the Indira Gandhi International Airport, Yashobhoomi can be accessed from the 100m wide Urban Extension Road (UER) – 2 on north side which is 6km from NH-8 (IGI Airport). Cab services and taxis are widely available to reach the venue.

- Just 15 minutes from IGI Airport and Aerocity, making it ideal for international delegates.
- Well-connected via major highways, including NH-48, UER-2 and Dwarka Expressway.
- Ample parking and drop-off points for private vehicles and taxis.

From Indira Gandhi International Airport (IGI)

- By Metro: Board the Airport Express Line and reach directly at Yashobhoomi Metro Station in just 6 minutes.
- By Car/Taxi: A short 15-minute drive via NH-48 and Dwarka Expressway.



ORGANISING SECRETARIAT



MZ Events srl

Via Carlo Farini, 81 – 20159 Milan, Italy

www.mzevents.it

E-mail: info@ifccnewdelhi2026.org

For information on any specific topic, please refer to the following e-mails:

Abstracts & Posters (information only):
posters@ifccnewdelhi2026.org

Sponsorship:
companies@ifccnewdelhi2026.org

Registrations:
registrations@ifccnewdelhi2026.org

VISA REQUIREMENTS and INSTRUCTIONS

All foreign travelers are required to hold an India eVisa prior to entry into the country.

There are different types of India eVisa.

All people who are willing to travel to India to attend IFCC WorldLab New Delhi 2026 as delegates, visitors and/or exhibitors should apply for **eConference Visa**.

To apply for e-Conference Visa, a specific process and several documents are required. Please carefully read the **detailed instructions on congress website**.

LANGUAGE

The official language of the congress is English.

EXHIBITION

A large exhibition of the latest technical equipment for Laboratory Medicine will be arranged during the Congress (Monday to Wednesday) 10:00-17:00

NAME BADGE

A name badge will be provided to all the registered participants. The badge must be worn at all times: only registered participants will be admitted to the scientific sessions.

REGISTRATION DESK

The registration desk will be open as follows:

25 October 2026 11:00 – 19:00
26 October 2026 08:00 – 17:30
27 October 2026 08:00 – 17:30
28 October 2026 08:00 – 17:30
29 October 2026 08:30 – 14:00

PHOTOS & VIDEOS

We inform you that during the event photos and videos will be taken. We kindly ask those who do not want to be shot to inform the organizing secretariat in advance.



LANGUAGE

The official language of the congress will be English.



EXHIBITION

A large exhibition of the latest technical equipment for Laboratory Medicine will be arranged during the Congress (Monday to Wednesday, 10:00-17:00).



WEBSITE

Updates on every aspect of the congress will be published on the website www.ifccnewdelhi2026.org

Stay tuned!



Organising Secretariat MZ Events
www.mzevents.it
info@ifccnewdelhi2026.org