ACIMD-ISIEM 2027

7th Asian Congress on Inherited Metabolic Diseases
&
8th Conference of Indian Society for Inborn Errors of Metabolism

Innovate, Collaborate, Transform: Advancing Care of Inherited Metabolic Disorders in Asia

24th - 27th March 2027
JW Marriott Aerocity, New Delhi, India

Provisional program



Preconference workshop

24th Precongress Workshop [SCREEN • NOURISH • DECODE]

HALL A

WORKSHOP 1: SCREEN- ***Newborn Screening Across Asia: From Heel Prick to Lifelong Care***

Co-Chairs: **International & Indian NBS experts**

Target audience: **Pediatricians, neonatologists, metabolic physicians, geneticists, laboratory scientists, NBS programme managers and public-health professional**

Hall B

WORKSHOP 2:

NOURISH- ***Dietary Management of IEM: An Asian Perspective***

To address **Asian diets, affordability, availability of medical foods and cultural practices**.

Target audience: Metabolic physicians, pediatricians, dietitians, nutritionists, metabolic nurses and trainees

Hall C

WORKSHOP 3: DECODE- ***Multi-Omics in IEM: From Genome to Metabolome-*** A high-end laboratory/genomics workshop

Target audience: Clinical geneticists, metabolic physicians, molecular geneticists, laboratory scientists, bioinformaticians and researchers

Main Conference
Provisional Program
Day 1

Time	Session / Topic
08:45-9:00	Welcome Address
09:00-10:00	**Session 1 – IMDs in Asia: Two Decades of Progress**
	• Transforming IMD Care – The Future of Inherited Metabolic Medicine in Asia • Advanced Metabolomics for IEM
10:00-11:00	**Session 2 – Newborn Screening and Early Diagnosis**
	• Newborn Screening: From Expanded to Genomic Screening in Asia • Beyond the Sequence: Epigenomics in Newborn Screening • LSD Newborn Screening: Opportunities, Dilemmas and Do-able Pilots for Asia
11:00-11:30	Chai and Chat: Networking *& Booth Visit*
11:30-12:30	**Session 3** • Treatable Intellectual Disability and Epilepsy: A Practical Diagnostic Approach •
12:30-13:15	Inaugural Ceremony
13:15-14:15	*Lunch (Poster Walk & Asian Parent Association Gallery Walk-through)*
14:15-15.30	**Session 4 (Hall A) Parallel session Advances in genomics in IEM**
	• Long-read Sequencing, RNA-seq and Functional Studies for VUS • Rapid Genomic Sequencing in the NICU: When Every Hour Counts • Genomic newborn screening in India: Prospective validation against TMS • Discussion

14:15-15.30	**Session 4 (Hall B)– Metabolomic Diagnostics**
	• Advanced Mass Spectrometry and Newer Applications • Biomarkers in IMD • Proteomics and Metabolomics • Discussion
14:15-15.30	**Session 4 (Hall C) – Brain and Bone Tell the Tale: Imaging Clues**
	• Pattern-based Approach to Metabolic Encephalopathies • Integration of MRI/MRS with Metabolomics • AI in Metabolic Neuroradiology: Can a Machine Recognize the Pattern? • Skeletal Manifestations of Metabolic Disorders
15:30-16.00	**Session 5 – Debate Session** One drop two approaches - Metabolomics vs genomics
16:00-16:30	Chai and Chat: Networking *& Booth Visit*
16:30-17:00	**Session 6 -Adult Neurometabolic Disorders: Diagnostic Challenges and New Clinical Perspectives**
17.00-18.00	Free Oral Communications – Best Abstracts across Disease Categories
18:00-18.45	AGBM – ISIEM
19:30 onwards	Swagat: The ACIMD-ISIEM Welcome Evening *(Delegates ticket)*

Day 2

	Session / Topic
08:00-08:45	Hall A Free Oral Communications – Best Abstracts across Disease Categories
	Hall B Meet the Experts
08:45-10:30	**Session 7 – Treatable IEM: Are We Finding Patients Early Enough?**
	Keynote 2: Metabolic Footprints: Recognising Inherited Metabolic Diseases Across Organ Systems Urea Cycle Disorders: Emerging Therapies and Long-Term Management" *Keynote 3:* When Metabolism Meets the Synapse – Neurometabolic Disorders as Synaptopathies
	Spot light session 1- The Chameleon Effect: Common IEMs in Disguise
10:30- 11:00	Chai and Chat: Networking *& Booth Visit*
11:00-12:45	**Session 8 (Hall A) – Lysosomal Storage Disorders (LSD)**
	• Gaucher Disease- Evolving Treatment Strategies and Unmet Needs • Pompe Disease: Redefining Treatment Goals in the Era of Next-Generation Therapy • Fabry Disease: Bridging the Gap Between Biochemical Response and Clinical Outcomes • Mucopolysaccharidoses: Overcoming the Challenges of CNS and Multisystem Disease • Q and A
11:00-12:45	**Session 8 (Hall B) – Neurometabolic Disorders**
	• Mitochondrial Disorders: Unravelling Complexity, Advancing Diagnosis and Care • Homocystinuria: Closing the Gap Between Biochemical Targets and Clinical Outcomes • Precision Nutrition in Neurometabolic Disorders: When Diet Becomes Treatment • Congenital Disorders of Glycosylation: From Diagnostic Advances to Targeted Therapies • Qand A

11:00-12:45	**Session 8 (Hall C) – IEM: Organ-System Manifestations**
	• The Liver in Inherited Metabolic Disorders: From Diagnosis to Disease-Modifying Treatments • Dermatological Involvement in Inherited Metabolic Disorders: From Recognition to Risk • The Metabolic Kidney: Renal Manifestations of Inherited Metabolic Disorders • Seeing the Unseen: Eye Manifestations as Clues to Inherited Metabolic Disorders • Qand A
12:45-13:30	**Session 9 (Hall A) –** **Government Initiatives for Treatable Rare Disorders across Asia**
13:30- 14:30	*Lunch (Poster Walk & Asian Parent Association Gallery Walk-through)*
14:30- 16:30	**Session 10 (Hall A) – Novel Therapies & Therapeutic Breakthroughs**
	• Haematopoietic Cell Transplantation for Inherited Metabolic Diseases: Optimising Outcomes Through Early Intervention • Liver Transplantation as Metabolic Therapy: Indications, Outcomes and Limitations • Cell and Gene Therapy for Inherited Metabolic Diseases: Translating Innovation into Clinical Practice • Developing a Gene-Editing Platform for Rare Genetic Variants: From Molecular Diagnosis to Therapeutic Applications • Q and A
14:30- 16:30	Hall B PARENTS AND FAMILIES FORUM *Raising a Child with an IMD: The Family and the Care Team, Together* For parents, caregivers and families of children with inherited metabolic disorders. Open to all delegates. Conducted in English and Hindi.
14:30- 16:30	Hall C GENETIC COUNSELLORS' SESSION *Beyond the Result: Genetic Counselling in the Age of Genomic Screening* For genetic counsellors, counselling trainees and all professionals who counsel families about genetic and metabolic test results. Open to all delegates.
16:30- 16:45	Chai and Chat: Networking *& Booth Visit*
16:45- 18:00	**Session 11 (Hall A)**
	X-Linked Adrenoleukodystrophy: Leriglitazone and the Changing Therapeutic Landscape Gene Therapy for Glycogen Storage Diseases: From Proof of Concept to Clinical Translation Mitochondrial Medicine: Precision Therapeutics and Clinical Trials
18:00- 18:30	**Spotlight 2: Rare Discoveries, Real Impact" (Novel disorders/Gene editing)**
19:00 onwards	Sargam and Spice: A Gala Dinner with Indian Music

Day 3

	Session / Topic
08:00- 09:00	Rising Stars in Metabolic Medicine-Asian Young Investigator award presentations
09:00-10:00	**Session 12 – From Fetal Diagnosis to Fetal Therapy: A New Frontier in IEMs**
	• Fetal Clues to Metabolic Disease: Integrating Prenatal Imaging, Dysmorphology and Genetics • Treating Before Birth: In Utero Therapy for Lysosomal Storage Disorders
10:00-10:20	Chai and Chat: Networking *& Booth Visit*
10:20- 13:00	**Session 13 – Metabolic Medicine in Asia: From Collaboration to Transformation (Asian Metabolic Medicine Forum)**
10:20-11:00	IC Verma Oration (TBC)
11:00-11:30	Building a Regional Network on inherited metabolic disorders (TBC)
11:30-12:15	Panel discussion - Multifaceted Care for IMDs: Shaping the Path Across Asia
12:15-13:00	Closing Ceremony & Awards: Best Oral Presentation; Best Poster; Best Young Investigator; Best Innovation in Metabolic Medicine
13:00 onwards	*Lunch*



Patrons

Dr. Carmencita D Padilla (Philippines)
Dr. Chunhua Zhang (Japan)
Dr. Kimitoshi Nakamura (Japan)
Dr. Pornswan Wasan (Thailand)
Dr. Seiji Yamaguchi (Japan)
Dr. B.K. Thelma (India)
Dr. Madhulika Kabra (India)
Dr. Radha Rama Devi (India)
Dr. Usha Dave (India)

Core Organizing Committee

Dr. Seema Kapoor Chairperson
Dr. Neerja Gupta Organizing Secretary
Dr. Sunita Bijarnia-Mahay Joint Organizing Secretary
Dr. Alpa Dherai Treasurer
Dr. Chaitnya Datar Joint Treasurer

Conference Secretariat
Prof. Neerja Gupta
Room 840, 8th floor, Mother child block, Division of Genetics, Department of Pediatrics
All India Institute of Medical Sciences, Ansari Nagar,
New Delhi-110029, India Email: acimdcore@gmail.com

Scan the QR Code to register

Click here to Register

www.acimd2027.in

For details contact Neumech Events: +91 97172 98182