

Presented by:



# TREAT-DM 2025

Innovative research to real world care

Translational Research, Adiposopathy, Technology for Diabetes & Metabolic Diseases

24<sup>th</sup> - 26<sup>th</sup> October 2025, J N Tata Auditorium, IISc Campus, Bengaluru

OUR KNOWLEDGE PARTNERS



## Scientific Program

CURE TRUST of Diacon Hospital in association with IISc Presents

# TREAT-DM 2025

OCTOBER  
2025

24

25

26

J N Tata Auditorium, Indian Institute of  
Science (IISc) Campus, Bengaluru, INDIA

**Translational summit -**

A unique convergence of clinicians and  
scientists striving for a healthier future.



Scan to download  
Scientific Program

### ORGANISING COMMITTEE



**Dr. Aravind S R**  
Chairman Org. Committee



**Dr. Rohit N. Kulkarni**  
Scientific Chairman  
Joslins Diabetes Center,  
Harvard Medical School



**Dr. Krishna G. Seshadri**  
Scientific Co-Chairman



**Dr. Sanjay Reddy**  
Organising Secretary



**Dr. Nikhil Gandasi**  
Co-Org Secretary  
IISc



**Dr. Bhavana Sosale**  
Jt. Org Secretary



Scan to download  
Scientific Program

Secretariat:

C/o DIACON HOSPITAL, 360, 19<sup>th</sup> Main, 1<sup>st</sup> Block, Rajajinagar, Bengaluru – 560010 | Mobile:+91-9448352161 email: [treatdm2025@gmail.com](mailto:treatdm2025@gmail.com)

## Scientific Program

Friday, 24<sup>th</sup> October 2025

### Main Hall

10:30 – 11:30

**Sweet Storm – Hidden Tsunami**  
Chairperson: Dr. Sanjay Reddy



10:30 – 11:00

**Dr. Pramila Kalra**

Critical insights from pan India clinical trial network (CTN) diabetology registry



11:00 – 11:30

**Dr. Anjana R M**

Burden of Diabetes – Lessons from ICMR INDIAB Study

11:30 – 12:00

**Distinguished Lecture**

Chairperson: Dr. Anil Kumar R



11:30 – 12:00

**Dr. Shashank R. Joshi**

Can we achieve remission and prevention of T2DM using technology as an enabler?

### Hall A

10:00 – 11:40

**Foot Workshop for Beginners**  
Facilitators: Dr. Pavan Belehalli,  
Dr. Sanjay Sharma



10:00 – 10:20

Basics and anatomy: Foot and ankle anatomy relevant to diabetic foot

10:20 – 10:40

Wound assessment and classification of diabetic foot: Practical approach

10:40 – 11:00

Assessment for neuropathy and PVD in basic care setup

11:00 – 11:20

Enhancing wound healing in diabetic foot using Diulcus Gel

11:20 – 11:40

Educating patient and family regarding foot care

### Hall B

10:00 – 10:30

**All about Insulins**



10:00 – 10:30

**Dr. Suryanarayana K M, Dr. Mahesh D M**

Transitioning with confidence: Upgrade from Human to New generation Insulins - Duologue



10:30 – 11:00

**Dr. Purvi Chawla**

Role of CGM in Insulin users vs non insulin users

**Secretariat:**

C/o DIACON HOSPITAL, 360, 19<sup>th</sup> Main, 1<sup>st</sup> Block, Rajajinagar, Bengaluru – 560010 | Mobile:+91-9448352161 email: [treatdm2025@gmail.com](mailto:treatdm2025@gmail.com)

## Scientific Program

Friday, 24<sup>th</sup> October 2025

Main Hall

Hall A

Hall B

12:00 – 13:00

**Keynote & Honour Lectures**

Chairperson: Dr. Suryanarayana K M, Dr. Nikhil R Gandasi



12:00 – 12:30

**Dr. Nihal Thomas**

**Honour Lecture:** Type 5 Diabetes - How does it happen and what do we need to know?



12:30 – 13:00

**Dr. Rohit N. Kulkarni**

Decoding Disease: RNA Blueprint for tomorrow's medicine

13:00 – 14:00 | **Lunch Break**

14:00 – 14:30

**Distinguished Lecture Series**

Chairperson: Dr. Rohit N. Kulkarni



14:00 – 14:30

**Dr. Krishna G. Seshadri**

Neurobiology of food intake and how do therapies affect it

14:30 – 15:30 | **Inauguration**

**Secretariat:**

C/o DIACON HOSPITAL, 360, 19<sup>th</sup> Main, 1<sup>st</sup> Block, Rajajinagar, Bengaluru – 560010 | Mobile:+91-9448352161 email: [treatdm2025@gmail.com](mailto:treatdm2025@gmail.com)

## Scientific Program

Friday, 24<sup>th</sup> October 2025

### Main Hall

15:30 – 17:00

#### Keynote & Honour Lectures

Chairperson: Dr. Deepak Kumar Saini, Dr. Krishna G. Seshadri



15:30 – 16:00

**Dr. Nikhil Tandon**

**Keynote:** Gestational Diabetes – Knowledge gaps



16:00 – 16:30

**Dr. Vijay Chandru**

**Keynote:** The convergence of human-engineered intelligence and re-engineered biology in Biomedicine



16:30 – 17:00

**Dr. Navakanta Bhat**

**Honour Lecture:** Devices and Sensor's for monitoring diabetes

17:00 – 17:30

#### Distinguished Lecture Series

Chairperson: Dr. Rohit N. Kulkarni



17:00 – 17:30

**Dr. Ullas Kolthur**

Linking mechanisms to therapies in diabetes and obesity

### Hall A

### Hall B

**Secretariat:**

C/o DIACON HOSPITAL, 360, 19<sup>th</sup> Main, 1<sup>st</sup> Block, Rajajinagar, Bengaluru – 560010 | Mobile:+91-9448352161 email: [treatdm2025@gmail.com](mailto:treatdm2025@gmail.com)

## Scientific Program

Friday, 24<sup>th</sup> October 2025

### Main Hall

17:30 – 18:30

**Keynote & Featured Talk**

Chairperson: Dr. Srikanta S S, Dr. Anujit Kumar



17:30 – 18:00

**Dr. Prasanna Kumar K M**

**Keynote:** Prevention of T1DM a pipe dream or reality?



18:00 – 18:30

**Dr. Radhakant Padhi**

**Featured Talk:** AI and IoT Powered Aatm-Nirbhar Deep-Tech Solutions for Comprehensive yet Cost-Effective Diabetes Care in India

### Hall A

### Hall B

18:30 | Close for the day

**Secretariat:**

C/o DIACON HOSPITAL, 360, 19<sup>th</sup> Main, 1<sup>st</sup> Block, Rajajinagar, Bengaluru – 560010 | Mobile:+91-9448352161 email: [treatdm2025@gmail.com](mailto:treatdm2025@gmail.com)

## Scientific Program

Saturday, 25<sup>th</sup> October 2025

### Main Hall

10:00 – 11:00

#### Next-Gen Therapies for Obesity and T2DM

Chairperson: Dr. Navakanta Bhat, Dr. Krishna G. Seshadri,  
Dr. Navakanta Bhat



10:00 – 10:20

**Dr. Sai Prasad Pydi**

GPCR-based drugs for the treatment of obesity and T2DM



10:20 – 10:40

**Dr. Chitra Selvan**

GLP-1/GIP/glucagon dual or triple agonists:  
Mechanisms, translational data, safety



10:40 – 11:00

**Dr. Raghu Padinjat**

Signaling Insulin-sensitive tissues

11:00 – 11:40

#### Industry Symposia



11:00 – 11:20

**Dr. Bhavana Sosale**

iGlarLixi- A SOLID Approach for Comprehensive T2DM Management



11:20 – 11:40

**Dr. Vijaykumar G**

Transforming Diabetes Care Landscape with second generation basal insulin

### Hall A

10:00 – 12:00

#### Cardiovascular health in diabetes

Chairperson: Dr. Govindappa D, Dr. Visweswara Reddy Y J



10:00 – 10:20

**Dr. Vageesh Ayyar**

Evolving landscape of cardiometabolic care:  
Review of recent trials and future directions



10:20 – 10:40

**Dr. Abhijit Bhogaraj**

Cardiovascular outcomes of glucose lowering drugs: SGLT2i & GLP1RA in HFrEF & HFpEF:  
Practical approach



10:40 – 11:00

**Dr. Keshava R**

Lipid management: Statins and beyond



11:00 – 11:20

**Dr. Sreenivasamurthy L**

Hypertension and Diabetes: Personalized targets,  
home BP monitoring



11:20 – 11:40

**Dr. Bhaskar S Rao**

Role of Aspirin and Clopidogrel in routine practice

11:40 – 12:00 | Discussion

### Hall B

10:00 – 11:00

#### Monitoring & Devices in Metabolic Care

Chairperson: Dr. Ramray Bhat, Dr. Radhakant Padhi



10:00 – 10:20

**Dr. Vinay Kumar**

Electrochemical – HbA1C sensor at POC



10:20 – 10:40

**Dr. Prosenjit Sen**

Microfluids and Lab on Chip – Pancreatic  
Cancer/Diabetes

10:40 – 11:00 | Discussion

11:00 – 11:40

#### Insulin Therapy: Ultrafast and Inhaled Options



11:00 – 11:20

**Dr. Pramila Kalra**

Clearing the air around inhaled insulin



11:20 – 11:40

**Dr. Chitra Selvan**

Quest for improving postprandial glucose control:  
Role of URLI

Secretariat:

C/o DIACON HOSPITAL, 360, 19<sup>th</sup> Main, 1<sup>st</sup> Block, Rajajinagar, Bengaluru – 560010 | Mobile:+91-9448352161 email: [treatdm2025@gmail.com](mailto:treatdm2025@gmail.com)

Presented by:



OUR KNOWLEDGE PARTNERS



24<sup>th</sup> - 26<sup>th</sup> October 2025, J N Tata Auditorium, IISc Campus, Bengaluru

## Scientific Program

Saturday, 25<sup>th</sup> October 2025

### Main Hall

11:40 – 12:05

**Guest Lecture**

Chairperson: Dr. Sai Kandula, Dr. Balaji Chidambaram



11:40 – 12:05

**Dr. Ashok Kumar Das**

Review of research in India that has made a change in our approach and role of funding bodies

12:05 – 12:45

**Treatment of Obesity - Symposia**



12:05 – 12:20

**Dr. Rajiv Kovil**

Why is obesity a chronic disease and needs to be treated?



12:20 – 12:45

**Dr. Vageesh Ayyar**

Tirzepatide: Head-to-head with GLP1RA

12:45 – 13:15

**Diacon Science to Solutions Oration**

Chairperson: Dr. Navakanta Bhat



12:45 – 13:15

**Dr. Rohit N. Kulkarni**

AI and ChatGPT – Useful Aids or Dangerous Phantoms in Medicine?

### Hall A

12:00 – 12:40

**Industry Symposia**

Chairperson: Dr. Jayalakshmi C



12:00 – 12:20

**Dr. Manoj Chawla**

T2D+>=3RF: Intervening aggressively before it's too late



12:20 – 12:40

**Dr. Sanjay Reddy**

Clinical decision: Can Dapagliflozin be used early in T2D+CKD Patients?

12:40 | Move to Main Hall

### Hall B

11:40 – 12:45

**Foot care: Stepping into the future**

Chairperson: Dr. Nitish R Mahapatra, Dr. Srimonta Gayen



11:40 – 12:00

**Dr. Siddharth Jhunjunwala**

Why do some diabetic foot ulcers not heal and how can we promote healing?



12:00 – 12:20

**Dr. Amit Nain**

3D bio-printing for healthcare applications with relevance to diabetes



12:20 – 12:40

**Dr. Chiranjib Bhattacharyya**

Opportunities of AI-driven diagnosis of diabetes

13:15 – 14:00 | Lunch Break

Secretariat:

C/o DIACON HOSPITAL, 360, 19<sup>th</sup> Main, 1<sup>st</sup> Block, Rajajinagar, Bengaluru – 560010 | Mobile:+91-9448352161 email: [treatdm2025@gmail.com](mailto:treatdm2025@gmail.com)

Presented by:



Translational Research, Adiposopathy, Technology for Diabetes & Metabolic Diseases

24<sup>th</sup> - 26<sup>th</sup> October 2025, J N Tata Auditorium, IISc Campus, Bengaluru

OUR KNOWLEDGE PARTNERS



## Scientific Program

Saturday, 25<sup>th</sup> October 2025

### Main Hall

14:00 – 15:15

#### Lifestyle Management in T2DM

Chairperson: Dr. Vinay Kumar M B, Dr. Manohar K N,  
Dr. Gayatri S



14:00 – 14:15

#### Dr. Sivaprakasam Rama Moorthy Saroja

Understanding the molecular basis of dementia heterogeneity in Alzheimer's patients



14:15 – 14:30

#### Dr. Sridhar G R

INDEPENDENT Study and depression: What Next?



14:30 – 14:45

#### Dr. Alka Chadha

Conquering mind, going beyond diabetes



14:45 – 15:00

#### Dr. Manoj Chadha

Diabetes and bone health: Vitamin D and challenges this decade

15:00 – 15:15 | Discussion

### Hall A

14:00 – 15:15

#### Managing Cardio Renal disorders in Diabetes

Chairperson: Dr. Suman R, Dr. Karthik Munichoodappa



14:00 – 14:15

#### Dr. Balaji Jaganmohan

Diagnosing early CKD for clinicians



14:15 – 14:40

#### Dr. Arun K N

New biomarkers for early detection of CKD & approach to a patient with diabetes CKD & heart failure



14:40 – 14:55

#### Dr. Bhavana Sosale

MR Antagonist – Finerenone in CKD



14:55 – 15:10

#### Dr. Mala Dharmalingam

CONFIDENCE trial: SGLT2i and Finerenone

15:10 – 15:15 | Discussion

### Hall B

14:00 – 15:15

#### Alternative system of medicine

Chairperson: Dr. Rao P V, Dr. Sridhar G R



14:00 – 14:20

#### Dr. Vijay Krishna V

Clinical outcomes in primary hypothyroidism: A comparative look at TSH values pre-post homeopathic therapy



14:20 – 14:40

#### Dr. Giridhara Kaje

Diabetes management: Ayurvedic perspective



14:40 – 15:00

#### Dr. Rao P V

Indian review of medicinal plants used in India

15:00 – 15:15 | Discussion

Secretariat:

C/o DIACON HOSPITAL, 360, 19<sup>th</sup> Main, 1<sup>st</sup> Block, Rajajinagar, Bengaluru – 560010 | Mobile:+91-9448352161 email: [treatdm2025@gmail.com](mailto:treatdm2025@gmail.com)

## Scientific Program

Saturday, 25<sup>th</sup> October 2025

### Main Hall

15:15 – 15:45

**Distinguished Lecture**  
Chairperson: Dr. Aravind Sosale



15:15 – 15:45

**Dr. Anand Sivaraman**  
Journey into Oculomics: Healthcare from the eye

15:45 – 16:45

**Diabetes and Liver Health**  
Chairperson: Dr. Vijay Kumar K, Dr. Sriharee Kulkarni



15:45 – 16:00

**Dr. Chandrakant K**  
Diagnosing MASLD for practicing clinician



16:00 – 16:15

**Dr. Abhijit Bhogaraj**  
Treating MASLD in clinical practice: Role of Saraglitazar



16:15 – 16:30

**Dr. Muthukumaran Jayapaul**  
Resmetirom and GLP1RA in the management of MASLD

16:30 – 16:45 | Discussion

### Hall A

15:30 – 17:00

**Omics gene expression profile**  
Chairperson: Dr. Payel Roy, Dr. Prosenjit Mondal



15:30 – 15:50

**Dr. Radha Venkatesan**  
From base pair to bedside – Translational genomics



15:50 – 16:10

**Dr. Sudipta Dhar Chowdhury**  
Gene expression profiling in pancreatic disorders



16:10 – 16:30

**Dr. Rao P V**  
Proteomics in Diabetes



16:30 – 16:50

**Dr. Srimonta Gayen**  
Epigenetics in metabolic disorders

16:50 – 17:00 | Discussion

### Hall B

15:15 – 16:30

**Metabolic Reprogramming: Neuroendocrine Pathways, Cellular Dedifferentiation, and Innovations in Diabetes**  
Chairperson: Dr. Nikhil R Gandasi, Dr. Rohit N. Kulkarni



15:15 – 15:30

**Dr. Praveen Kumar R**  
Small yet significant: Indian pancreatic islets & diabetes puzzle



15:30 – 15:45

**Dr. Nitish R Mahapatra**  
Neuroendocrine peptide pancreastatin: A key regulator of cardio metabolic disorders



15:45 – 16:00

**Dr. Jaya Prakash**  
Detecting glucose through painless photoacoustics



16:00 – 16:15

**Dr. Anujit Kumar**  
De differentiation during ageing

16:15 – 16:30 | Discussion

Secretariat:

C/o DIACON HOSPITAL, 360, 19<sup>th</sup> Main, 1<sup>st</sup> Block, Rajajinagar, Bengaluru – 560010 | Mobile:+91-9448352161 email: [treatdm2025@gmail.com](mailto:treatdm2025@gmail.com)

## Scientific Program

Saturday, 25<sup>th</sup> October 2025

### Main Hall

16:45 – 17:45

#### Obesity Symposia

Chairperson: Dr. Siddharth Gosavi



16:45 – 17:00

**Dr. Shekar M A**

Paradigm shift in obesity care with transformative weight loss: Evidence from STEP trials



17:00 – 17:15

**Dr. Prasanna Kumar K M**

Beyond weight loss: STEERING towards the path of comprehensive cardio metabolic care



17:15 – 17:30

**Dr. Sandeep Satsangi**

Focus on MASH: Integrating emerging data into clinical pathways

17:30 – 17:45 | Discussion

### Hall A

17:00 – 18:20

#### Cell and disease biology

Chairperson: Dr. Nikhil R Gandasi



17:00 – 17:20

**Dr. Sucharita S**

Emerging insights into skeletal muscle function in Diabetes care



17:20 – 17:40

**Dr. Payel Roy**

Inflammation and T Cell autoreactivity in metabolic diseases



17:40 – 18:00

**Dr. Bhavani Shankar Sahu**

Disturbances in secretory vesicle dynamics lie at the heart of metabolic diseases

18:00 – 18:20 | Discussion

### Hall B

16:30 – 17:15

#### Micro vascular complications in diabetes

Chairperson: Dr. Siddharth Jhunjhunwala,  
Dr. Annapoorni Rangarajan



16:30 – 16:45

**Dr. Vinay Kumar M B**

Vitamin C mitigates muscle atrophy phenotype in Drosophila model of T2DM



16:45 – 17:00

**Dr. Sundaresan Nagalingam Ravi**

Microvascular dysfunction in T2DM

17:00 – 17:15 | Discussion

**Secretariat:**

C/o DIACON HOSPITAL, 360, 19<sup>th</sup> Main, 1<sup>st</sup> Block, Rajajinagar, Bengaluru – 560010 | Mobile:+91-9448352161 email: [treatdm2025@gmail.com](mailto:treatdm2025@gmail.com)

Presented by:



Translational Research, Adiposopathy, Technology for Diabetes & Metabolic Diseases

24<sup>th</sup> - 26<sup>th</sup> October 2025, J N Tata Auditorium, IISc Campus, Bengaluru

OUR KNOWLEDGE PARTNERS



## Scientific Program

Saturday, 25<sup>th</sup> October 2025

### Main Hall

17:45 – 18:30  
Industry Symposia



17:45 – 18:30

**Dr. Pramila Kalra**

Questions for optimum CKD care in T2DM: Answers from Empa Kidney

### Hall A

### Hall B

17:15 – 18:30  
**Nutrients and Diabetes**  
Chairperson: **Dr. Anujit Kumar**



17:15 – 17:35

**Dr. Joby Pulikkan**

Tweaking gut microbiota using Indigenous Synbiotics as Functional Food in T2DM



17:35 – 17:55

**Dr. Vageesh Ayyar**

Microbiome-derived therapeutics and metabolite-based approaches



17:55 – 18:15

**Dr. Amit Gupta**

Sarcopenic Obesity: Reasons & problems are known – Evaluation and treatment

18:15 – 18:30 | Discussion

18:30 | Close for the day

Secretariat:

C/o DIACON HOSPITAL, 360, 19<sup>th</sup> Main, 1<sup>st</sup> Block, Rajajinagar, Bengaluru – 560010 | Mobile: +91-9448352161 email: [treatdm2025@gmail.com](mailto:treatdm2025@gmail.com)

## Scientific Program

Sunday, 26<sup>th</sup> October 2025

### Main Hall

09:30 – 11:00

#### Metabolism and Cancer

Chairperson: Dr. Bhavani Shankar Sahu, Dr. Srikanta S S



09:30 – 09:50

**Dr. Nikhil R Gandasi**

Studying single beta cells to understand glucose metabolism



09:50 – 10:10

**Dr. Reena Singh**

Artificial Pancreas



10:10 – 10:30

**Dr. Annapoorni Rangarajan**

Understand the link between T2DM and breast cancer



10:30 – 10:50

**Dr. Ramray Bhat**

Interrogating attacks on homeostasis due to complex role of advanced glycation end products



10:50 – 11:10

**Dr. Rohit N. Kulkarni**

Insulin action in beta cells: Working towards a cure

11:10 – 11:30 | Discussion

### Hall A

09:30 – 10:45

#### Obesity Symposia

Chairperson: Dr. Payel Roy, Dr. Siddharth Jhunjunwala



09:30 – 09:50

**Dr. Anantharaman R**

Understanding hedonic eating, the gut brain axis



09:50 – 10:10

**Dr. Prosenjit Mondal**

Mechanisms underlying pathogenesis of diabetes, fatty liver, and obesity

10:10 – 10:25 | Discussion

10:25 – 10:55

#### Industry Symposia

Chairperson: Dr. Preeti S



10:25 – 10:55

**Dr. Vijay Negalur, Dr. Anusha Handral**

GLP: Charting the SOULful route to improved cardio-kidney-metabolic outcomes with oral semaglutide



10:55 – 11:30 | Break

### Hall B

09:30 – 10:30

#### Workshop on Mental Health: Ignite the spark within

Facilitator: Dr. Alka Chadha

10:30 – 11:30

#### Complex cases in Diabetes and beyond- Insulin workshop

Moderator: Dr. Sanjay Reddy



10:30 – 10:50

**Dr. Aravind Sosale**

Barriers to insulin therapy – Myths & Facts, Motivation & Education



10:50 – 11:10

**Dr. Bhavana Sosale**

Fix fasting first and initiate with Basal insulin



11:10 – 11:30

**Dr. Santosh B**

Insulin intensification and target setting

Secretariat:

C/o DIACON HOSPITAL, 360, 19<sup>th</sup> Main, 1<sup>st</sup> Block, Rajajinagar, Bengaluru – 560010 | Mobile:+91-9448352161 email: [treatdm2025@gmail.com](mailto:treatdm2025@gmail.com)

## Scientific Program

Sunday, 26<sup>th</sup> October 2025

Main Hall

Hall A

Hall B

11:30 – 12:00

**Keynote Address**

Chairperson: Dr. Krishna G. Seshadri



11:30 – 12:00

**Dr. Mohan V**

Monogenic diabetes: What is new from India?

12:00 – 13:00

**Tribute Lecture Series**

Chairperson: Dr. Aravind S R, Dr. Rohit N. Kulkarni



12:00 – 12:30

**Dr. Anoop Misra**

Unhealthy adipose tissue and its implications for new obesity guidelines for Indians



12:30 – 13:00

**Dr. Sridhar G R**

From pharmacogenetics to metabolic syndrome: The butyrylcholinesterase saga

13:10 – 14:00 | **Lunch Break**

**Secretariat:**

C/o DIACON HOSPITAL, 360, 19<sup>th</sup> Main, 1<sup>st</sup> Block, Rajajinagar, Bengaluru – 560010 | Mobile:+91-9448352161 email: [treatdm2025@gmail.com](mailto:treatdm2025@gmail.com)

## Scientific Program

Sunday, 26<sup>th</sup> October 2025

### Main Hall

14:00 – 15:00

**Pregnancy & Diabetes**

Chairperson: Dr. Surekha Shetty B, Dr. Divyatha Shekar



14:00 – 14:20

**Dr. Shivaprasad C**

Beyond the threshold: Emerging insights into early gestational diabetes



14:20 – 14:40

**Dr. Sonali Appaiah**

Glycemic targets in pregnancy: Optimal glucose and HbA1C targets, balancing fetal risk and maternal hypoglycemia

14:40 – 15:00 | Discussion

15:00 – 15:20

**AI in metabolic disorders**

Chairperson: Dr. Jaya Prakash



15:00 – 15:20

**Dr. Radhakant Padhi**

Autopilot-inspired artificial pancreas for T1DM patients of India: An Indigenous endeavor

### Hall A

14:00 – 16:00

**Pot-pourri**

Chairperson: Dr. Balachandra G



14:00 – 14:20

**Dr. Rajalakshmi R**

Oculomics Eye: A window to systemic health – AI and role of retinal biomarkers



14:20 – 14:40

**Dr. Ranjani Harish**

Swipe right on health: Digital solutions to fight diabetes



14:40 – 15:00

**Dr. Balaji Jaganmohan**

Imeglimin: A Powerhouse Approach to T2DM



15:00 – 15:15

**Dr. Kedar A Badnikar**

Painless Injection



15:15 – 15:30

**Dr. Abhijit Bhogaraj**

Agentic AI for obesity and diabetes health



15:30 – 15:45

**Dr. Charit Bhogaraj**

From Algorithms to Arteries: How AI is Transforming the Heart Health Continuum



15:45 – 16:00

**Mr. Shreyas Muralidhar**

TAB based EMR integration: Clinical workflow simplified – Write, type or speak

### Hall B

16:00 | Close of the Conference

Secretariat:

C/o DIACON HOSPITAL, 360, 19<sup>th</sup> Main, 1<sup>st</sup> Block, Rajajinagar, Bengaluru – 560010 | Mobile:+91-9448352161 email: [treatdm2025@gmail.com](mailto:treatdm2025@gmail.com)

Presented by:



OUR KNOWLEDGE PARTNERS



24<sup>th</sup> - 26<sup>th</sup> October 2025, J N Tata Auditorium, IISc Campus, Bengaluru

## Scientific Program

Saturday, 25<sup>th</sup> October 2025

Hall C

10:00 – 10:40

**Oral Poster Presentation**

Judges: Dr. Prosenjit Mondal, Dr. Bhavani Shankar Sahu

10:00 – 10:10

**Poovitha Sundar**

Transcriptional and post-transcriptional regulation of HMG-CoA reductase gene under hypoxia

10:10 – 10:20

**Aniket Sen**

Targeting Liver ChREBP to Enhance Hepatic and Systemic Insulin Sensitivity in NAFLD

10:20 – 10:30

**Saptadipa Paul**

Pheophorbide A Enhances Glucose Uptake by Modulating GLUT1 in Pancreatic  $\beta$ -Cells

10:30 – 10:40

**Abhishek Chandrashekar**

Lessons Learnt from Clinical Trials of Artificial Pancreas Systems & Cloud Based Diabetes Management Apps

13:15 – 14:00

**e-Poster Presentation**

Judges: Dr. Payel Roy, Dr. Srimonta Gayen

Sunday, 26<sup>th</sup> October 2025

Hall C

10:00 – 10:40

**Oral Poster Presentation**

Judges: Dr. Vinay Kumar M B, Dr. Anujit Kumar

10:00 – 10:10

**Krittika Biswas**

VAMP2 SUMOylation controls regulated exocytosis in Obesity-associated metabolic stress

10:10 – 10:20

**Priyadarshini V**

Consumption of sucrose-water rewires macronutrient uptake and utilization mechanisms in a tissue specific manner

10:20 – 10:30

**Saptarnab Ganguly**

Consumption of sucrose-water rewires macronutrient uptake and utilization mechanisms in a tissue specific manner

10:30 – 10:40

**Anuma Pallavi**

GLUT Trafficking and Glucose Sensing in  $\beta$ -Cells: Central Mechanisms of Insulin Secretion and Diabetic Impairment

10:40 – 10:50

**Shayna Chandrakant Parekh**

Is Knowledge Power? Dietary Differences Between Aware and Unaware Diabetic Adults, India

13:00 – 14:00

**e-Poster Presentation**

Judges: Dr. Vinay Kumar M B, Dr. Aunit Kumar

Hall C

**Sunday 26<sup>th</sup> October 2025**

**15:00 – 15:30**

**Award distribution for Oral and e-Poster Presentations**

**Secretariat:**

C/o DIACON HOSPITAL, 360, 19<sup>th</sup> Main, 1<sup>st</sup> Block, Rajajinagar, Bengaluru – 560010 | Mobile:+91-9448352161 email: [treatdm2025@gmail.com](mailto:treatdm2025@gmail.com)