

FiMB 2023

Schedule

DAY 1: 20.01.2023 (Friday)

03:00 – 04:25 PM

Registration (Meghnad Saha Lecture Theatre Lobby, TRC Ground Floor)

Opening Session

(Meghnad Saha Lecture Theatre)

04:30 PM

Welcome remarks by HoD

04:40 PM

Director's address

Technical Session I

(Meghnad Saha Lecture Theatre)

Chairperson: Syamal Roy

05:00 – 05:50 PM

Keynote Lecture

Speaker: **Gagandeep Kang** (CMC Vellore)

Title: Learning from human biology

07:00 PM onwards

Dinner (Rabindranath Tagore Auditorium)

DAY 2: 21.01.2023 (Saturday)

08:30 – 09:25 AM

Breakfast (Rabindranath Tagore Auditorium)

Technical Session II

(Meghnad Saha Lecture Theatre)

Chairperson: Mohit Prasad

09:30 – 10:10 AM

Invited Talk 1

Speaker: **Anand Bachhawat** (IISER Mohali)

Title: Glutathione metabolism revisited: Learnings on the way

10:15 – 10:55 AM

Invited Talk 2

Speaker: **Arun Shukla** (IIT Kanpur)

Title: Structure, function and modulation of G Protein-Coupled Receptors

11:00 – 11:25 AM

Coffee/Tea break

11:30 AM – 12:10 PM

Invited Talk 3

Speaker: **Gayathri Pananghat** (IISER Pune)

Title: Cytoskeletal filaments that sculpt a helical bacterial cell

12:15 – 12:30 PM

Oral Presentation 1

Speaker: **Firoz Molla** (University of Calcutta)

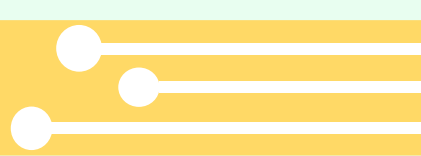
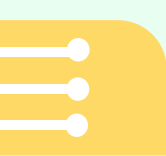
Title: Sugar signalling acts as a proxy for cytokinin signalling for de novo meristem formation during nodule organogenesis

12:35 – 12:50 PM

Oral Presentation 2

Speaker: **Anirban Roy** (IISER Kolkata)

Title: Engineering an acetyllysine reader with a photocrosslinking amino acid for interactome profiling



DAY 2: 21.01.2023 (Saturday)

01:00 – 03:55 PM

Lunch and Poster Session (Rabindranath Tagore Auditorium)

Technical Session III
(Meghnad Saha Lecture Theatre)
Chairperson: Somdatta Sinha

04:00 – 04:40 PM

Invited Talk 4

Speaker: Pramod Wangikar (IIT Bombay)

Title: Mass Spectrometry based metabolomics and its applications

04:45 – 05:00 PM

Oral Presentation 3

Speaker: Sanjib Das (ICMR-NICED)

Title: Establishment of an intra-gastric surgical model in C57BL/6 mice to study the vaccine efficacy against *Helicobacter pylori*

05:05 – 05:35 PM

Coffee/Tea break

05:35 – 06:15 PM

Invited Talk 5

Speaker: Manjari Jain (IISER Mohali)

Title: Understanding complex communication in avian vocalizations

07:00 PM onwards

Dinner (Rabindranath Tagore Auditorium)

DAY 3: 22.01.2023 (Sunday)

08:30 – 09:25 AM

Breakfast (Rabindranath Tagore Auditorium)

Technical Session IV
(Meghnad Saha Lecture Theatre)
Chairperson: Arnab Gupta

09:30 - 10:10 AM

Invited Talk 6

Speaker: Arnab Mukhopadhyay (NII)

Title: Interspecies interactions regulate longevity in *Caenorhabditis elegans*

10:15 – 10:55 AM

Invited Talk 7

Speaker: Vinita Gowda (IISER Bhopal)

Title: What is in a name? Learning from plants on how to create and maintain diversity in nature

11:00 – 11:25 AM

Coffee/Tea break

11:30 - 11:45 AM

Oral Presentation 4

Speaker: Apurba Das (IISER Kolkata)

Title: Abnormal autophagy in the MPS-VII fly brain is due to reduced expression of Mif, the master regulator of lysosome-autophagy related genes

11:50 AM – 12:30 PM

Invited Talk 8

Speaker: Dipyaman Ganguly (CSIR IICB)

Title: Exploring Piezo1 mechanosensing in immune cells

12:35 PM

Prize distribution, valedictory session and vote of thanks

01:00 PM onwards

Lunch (Rabindranath Tagore Auditorium)