

5th NCCS STUDENTS' SYMPOSIUM

Scientific Programme

July 25th – July 26th 2024

25 JULY 2024

Venue: NCCS Auditorium (GARGI)

Time	Programme
8:00 AM – 8:50 AM	Registration
9:00 AM – 9:25 AM	Inauguration and Welcome address by Director, NCCS, Pune
9:25 AM – 10:05 AM	Plenary Talk 1 (online) Dr Soumya Swaminathan , MSSRF, Chennai <i>Title of the talk: TBA</i>
10:05 AM – 10:25 AM	Oral presentation Session I SS I-1 Lizanne Oliveira , NCCS, Pune <i>Novel Roles of Nucleoporins: Nup358 mediated regulation of ER-Mitochondrial contact sites</i>
10:25 AM – 11:05 AM	Tea break (Outdoor covered canteen area)
11:05 AM – 11:45 AM	Oral presentation Session II SS II-1 Mahak Tiwari , NCCS, Pune <i>CLCs regulate Wnt signaling and actin organization in mESCs</i> SS II-2 Kundan Kumar , IISER, Pune <i>The Serine hydrolases of Drosophila melanogaster: integrative chemoproteomics and genetics</i>
11:45 AM – 1:00 PM	Poster presentation Session I
1:00 PM – 2:15 PM	Lunch break (Outdoor covered canteen area)
2:15 PM - 2:25 PM	Sponsor's talk (Invitrogen)

2:25 PM - 2:35 PM

Sponsor's talk (DSS Imagetech)

2:35 PM - 3:20 PM

Plenary Talk 2

Dr Abhijit Majumder, IIT Bombay

Prizes and Surprises of Interdisciplinary Treasure Hunt: A Personal Anecdote

3:20 PM – 4:10 PM

Oral presentation Session III

SS III-1 Vibhuti Prakash Mahajan, NCCS, Pune

Utilizing plasmablasts of infected individuals to understand the B cell repertoire upon SARS-CoV-2 infection

SS III-2 Amruta Jadhav, NCCS, Pune

Structural and functional characterization of a novel chimeric transcript RMND5A-ANAPC1

SS III-3 Pradipta Pal, NCCS, Pune

Complement deficiency leads to enhanced NK cell activation and regulates tumor growth.

4:10 PM – 5:10 PM

Plenary Talk 3

Dr Vijay Kuchroo, Harvard Medical School, Massachusetts

Role of Checkpoint molecules in regulating anti tumor immunity

5:10 PM – 5:20 PM

Concluding remarks Day 1

5:20 PM onwards

Tea break (Outdoor covered canteen area)

26 JULY 2024

Venue: NCCS Auditorium (GARGI)

8:00 AM - 9:00 AM

Breakfast (Outdoor covered canteen area)

9:00 AM - 9:35 AM

Oral presentation Session IV

SS IV-1 Jyotsna Singh, NCCS, Pune

Nup93 subcomplex and its crosstalk within nuclear pore complex

SS IV-2 Bhagyashree Karmarkar, NCCS, Pune

Exploring the human gut microbiome for prolyl peptidases in Celiac disease treatment

9:35 AM - 10:30 AM Plenary Talk 4
Dr Girish Ratnaparkhi, IISER, Pune
The making of a (remarkable) lineage: Primordial germ cells in the early embryo

10:30 AM – 10:55 AM Tea break (Foyer)

10:55 AM - 11:30 AM Oral presentation Session V

SS V-1 Asmit Moharana, NISER, Bhubaneswar
Characterisation of the lipid environment and interplay of lipids in Gpr161, an orphan GPCR

SS V-2 Manikrao Thakare, NCCS, Pune
Animal eat less when on more sugar diet?

11:30 PM - 1:00 PM **Poster presentation Session II**

1:00 PM – 2:15 PM Lunch break (Outdoor covered canteen area)

2:15 PM – 3:00 PM Plenary Talk 5
Dr Gayathri Pananghat, IISER, Pune
Understanding bacterial shape, motility and cell division in cell-wall less bacteria

3:00 PM – 3:50 PM Oral presentation Session VI

SS VI-1 Praneeta Pradip Bhavsar, NCCS, Pune
Proteomic and Phosphoproteomic Profiling of Doxorubicin Mediated Chemoresistance in Breast Cancer

SS VI-2 Gaurav Agarwal, NCCS, Pune
Role of PDI in regulation of insulin biosynthesis

SS VI-3 Omika Wadhwa, Max Planck Florida Institute for neuroscience
Sensorimotor integration and object tracking in fruit flies

3:50 PM - 4:35 PM Plenary Talk 6
Dr Vatsala Thirumalai, NCBS, Bangalore
Predictive coding in the cerebellum of larval zebrafish

4:35 PM – 4:45 PM

Sponsor's talk (HiMedia)

4:45 PM – 5:00 PM

Concluding session and prize distribution ceremony

5:00 PM onwards

High Tea (Foyer)