

DAY-1 03 Feb 2025



Time	Schedule
9:00 - 11:00 am	 Registration & Breakfast (Poster Installation)
INAUGURATION	
11.00 - 12.00 pm	<ul style="list-style-type: none"> • Invocation • Short Video Presentation- About SRMIST,KTR • Lighting of the Lamp • Welcome Address: Dr. Nitin M Nagarkar, ProVC, SRM MHS, SRMIST, KTR • Inaugural Address: Lt Col Dr. A Ravi Kumar, Advisor, SRM MCH&RC, SRMIST, KTR • Special Address: Prof. L.S. Shashidhara, Director, NCBS, Bangalore • Keynote Address: Prof. C. Muthamizchelvan, Vice Chancellor, SRMIST, KTR • Presidential Address: Dr. P Sathyanarayanan, President, SRMIST, KTR
12.00 - 01.00 pm	<ul style="list-style-type: none"> • Felicitation of Nobel laureate Prof. Aaron Ciechanover • Prof. Aaron Ciechanover's Contributions- Short Video • Special Talk- Prof. Aaron Ciechanover Title: <i>The discovery of the ubiquitin system – how embarrassingly simple it was.</i>
	<ul style="list-style-type: none"> • Vote of Thanks : Dr. Rajiv J., Dean Research (MHS), SRMIST, KTR Convenor, ProUPS-25
1:00 - 2.00 pm	 Lunch & Poster Discussion
SESSION-1 Invited Talks (20+10 minutes)	UBIQUITIN SIGNALING Facilitator - Dr. Ranabir Das, NCBS, Bengaluru
2.00 - 2.30 pm	IT – 1: Prof. David Komander , WEHI, Australia Title: Crossing Codes – at the intersection between ubiquitin and sugars
2.30 - 3.00 pm	IT – 2: Prof. Yogesh Kulathu , MRC-PPU, University of Dundee Title: Regulation of cellular stress responses by branched ubiquitin signaling
3.00 - 3.30 pm	IT – 3: Dr. Maddika Subba Reddy , CDFD, Hyderabad, India Title: Canonical vs non-canonical ubiquitination: control of protein fate

<p>3.30 – 4.00 pm Short talks (8+2 minutes)</p>	<p>ST1: Sudipti Shaw, IITB, Mumbai <i>Host-mediated heterotypic ubiquitination of a pneumococcal surface protein promotes bacterial clearance</i></p> <p>ST2: Prof. Rama Kumar Mishra, IISER, Bhopal <i>Exploring the SUMOylation landscape of intermediate and microfilament binding protein in cytoskeletal dynamics</i></p> <p>ST3: Shachee Swaraj, IISc, Bengaluru <i>Characterization of interferon regulatory factor 3 stability and negative regulation in mammalian antiviral innate immunity</i></p>
<p>4.00 – 4.30 pm</p>	<p> Coffee & Networking</p>
<p>SESSION-2 Invited Talks (20+10 minutes)</p>	<p>UBIQUITIN SIGNALING Facilitator - Dr. Piyush Agrawal, SRMIST, KTR</p>
<p>4.30 – 5.00 pm</p>	<p>IT – 4: Prof. Kazuhiro Iwai, Kyoto University, Japan <i>Title: Ubiquitin in signaling: a tale of atypical linear ubiquitin chains</i></p>
<p>5.00 – 5.30 pm</p>	<p>IT – 5: Dr. Parul Mishra, University of Hyderabad, India <i>Title: Decoding the ubiquitin code complexity: From cellular harmony to disease phenotype</i></p>
<p>5.30 – 6.00 pm</p>	<p>IT – 6: Prof. Ashraf Brik, Technion-IIT, Haifa, Israel <i>Title: Novel approaches to modulate ubiquitin signaling: Chemistry and Biology</i></p>
<p>6:00 - 6.30 pm Flash-Talks (3 minutes each)</p>	<p>8 FLASH TALKS ProUPS25_009: Rumpa Mahata, NCCS Pune ProUPS25_019: Adarshan S, NCBS Bengaluru ProUPS25_023: Garima Joshi, IISER Bhopal ProUPS25_040: Ashish Kumar Panda, ACTREC, Navi Mumbai ProUPS25_041: Rinku Sahu, ILS Bhubaneswar ProUPS25_045: Akshita Upreti, BITS Pilani, K. K. Birla Goa Campus ProUPS25_046: Annesha Ghosh, IISER Mohali ProUPS25_152: Brindhavanam P T, SRMIST, KTR</p>
<p>6:30 pm onwards</p>	<p> Packed Dinner</p>

DAY-2 04 Feb 2025



Time	Schedule
08.00 – 09.00 am	 Breakfast
SESSION-3 Invited Talks (20+10 minutes)	STRUCTURE & FUNCTION OF UPS Facilitator – Prof. Girish S. Ratnaparkhi, IISER, Pune, India
9.00 - 9.30 am	IT – 7: Prof. Christopher Lima , MSKCC, New York, USA <i>Title: Capturing conformational transitions in the ubiquitin conjugation cascade</i>
9.30 - 10.00 am	IT – 8: Dr. Atul Kumar , IISER, Bhopal, India <i>Title: New insights into the activation mechanism of Parkin E3-ligase</i>
10.00 - 11.00 am	Plenary Lecture by Noble Laureate Prof. Aaron Ciechanover , Technion-IIT, Haifa, Israel <i>Title: Control of nucleo-cytosolic proteasomal translocation as a platform for anti-cancer drug development</i>
11.00 – 11.30 am	 Coffee & Networking
SESSION-4 Invited Talks (20+10 minutes)	STRUCTURE & FUNCTION OF UPS Facilitator - Dr. Subhashis Pal, SRMIST, KTR, India
11.30 - 12.00 pm	IT – 9: Dr. Sonja Lorenz , MPI Gottingen <i>Title: Regulatory concepts in HECT-type ubiquitin ligases</i>
12:00 - 12.30 pm Short talks (8+2 minutes)	ST4: Kartik Mandal , NCCS, Pune, India <i>Unveiling the post-translational regulation of PD-L1: A new horizon in immune checkpoint inhibition</i> ST5: Devanshi Gupta , CDFD, Hyderabad, India <i>Neddylation: a new modification for dynein-mediated transport in cells</i> ST6: Dr. Eyal Gur , Ben-Gurion University Beer-Sheva, Israel <i>The mycobacterial proteasome OB rings form a selectivity barrier for degradation-tag binding</i>
12:30 - 1.00 pm Flash-Talks (3 minutes each)	8 FLASH TALKS ProUPS25_053: Rajneesh Rao , IISER, Mohali ProUPS25_068: Bhavya Jain , JNU, New Delhi ProUPS25_079: Prasad Sulkshane , o2h discovery, Ahmedabad ProUPS25_088: Adnan Mohamed , Manipal School of Life Sciences, Udupi ProUPS25_092: Bhuvanewari Sivaraman , SRM College of Pharmacy, SRMIST, KTR ProUPS25_096: VEENA V K , SRMIST, KTR ProUPS25_097: Kavya Madhusudhan , SRIHER, Chennai ProUPS25_099: Vijayalakshmi B , SRMIST, KTR
1:00 - 2.00 pm	 Lunch & Poster Discussion

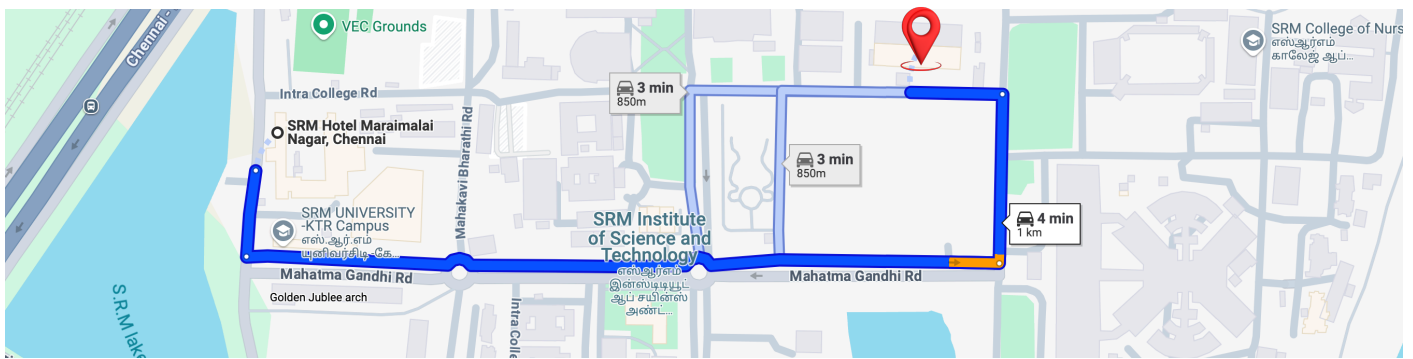
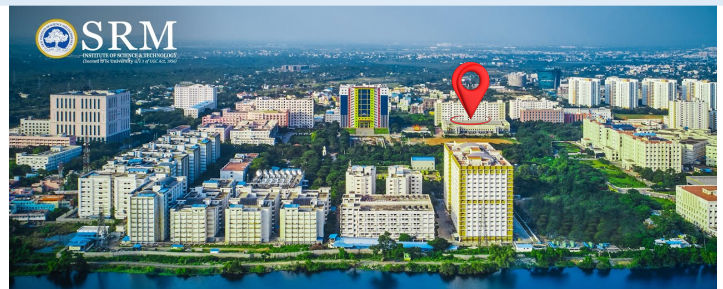
SESSION-5 Invited Talks (20+10 minutes)	PROTEOSTASIS & PROTEIN DEGRADATION PATHWAYS Facilitator - Dr. Madhumitha Haridoss, SRMIST, KTR
2.00-2.30 pm	IT – 10: Dr. Carlos Castaneda , Syracuse University, New York, USA <i>Title: Role of ubiquitin-binding shuttle protein phase transitions in protein quality control</i>
2:30 - 3.00 pm	IT – 11: Dr. Shравan Kumar Mishra , IISER Mohali <i>Title: Nucleus-to-Golgi signalling through Sde2-specific deubiquitination enzymes</i>
3.00 - 3.20 pm Short talks (8+2 minutes)	ST7: Aravind R , NCBS Bengaluru <i>Plasticity of the proteasome-targeting signal Fat10 enhances substrate degradation</i> ST8: Md Noor Akhtar , IISc Bengaluru <i>Hominini-specific regulation of the cell cycle by stop codon readthrough of FEM1B</i>
3.20 – 3:50 pm	 Coffee & Networking
SESSION-6 Invited Talk (20+10 minutes)	DRUG DISCOVERY IN UPS Facilitator - Dr. Muralidhara Rao Maradana, SRMIST, KTR
3.50 - 4:20 pm	IT – 12: Prof. T. P. Singh , AIIMS, New Delhi, India <i>Title: Structure-based rational approaches for new drug discovery</i>
4:20 - 4.30 pm Short talk (8+2 minutes)	ST9: Dr. Madhura Mohole , Aganitha Cognitive Solutions Pvt. Ltd., Hyderabad. <i>In silico PROTAC design using AI-driven computational chemistry</i>
4.30 - 5.30 pm Panel discussion	Topic: “How far are we towards drug discoveries targeting the UPS” Moderator: Dr. Prasanna Venkatraman , Dy Director, ACTREC, Mumbai Panellists: <ul style="list-style-type: none"> • Prof. Aaron Ciechanover, Technion-IIT, Haifa, Israel • Dr. Murali Ramachandra, CEO, Aurigene Oncology, Bengaluru, India • Prof. T. P. Singh, AIIMS, New Delhi, India • Prof. David Komander, WEHI, Australia • Prof. Christopher Lima, MSKCC, New York US • Dr. Rajiv J, Dean Research MHS, SRMIST, KTR
5:30 – 7:00 pm	POSTER EVALUATION SESSION Coordinators: Dr. P. Venkataraman, Dr. S. Sundaresan, Dr. Piyush Agrawal & Dr. Indrajit Sahu
7:00 pm onwards	 Special Dinner & Networking (Venue: SRM Hotel)

DAY-3 05 Feb 2025



Time	Schedule
08.00 – 09.00 am	 Breakfast
SESSION-7 Invited Talk (20+10 minutes)	UPS IN HUMAN HEALTH & DISEASES Facilitator – Dr. Indrajit Sahu, NCCS, Pune, India
9.00 - 9.30 am	IT – 13: Prof. Michael Glickman , Technion-IIT, Haifa, Israel <i>Title: A cryptic ligase activity and ubiquitin signaling disruption in Alzheimer's disease: Mechanistic insights and implications</i>
9.30 - 10.00 am	IT – 14: Dr. Prasanna Venkatraman , ACTREC, Navi Mumbai, India <i>Title: Proteasomal Assembly Chaperones in and out of proteostasis</i>
10.00 - 10.30 am	IT – 15: Dr. Manas Santra , NCCS, Pune <i>Title: FBXO31 controls DNA damage repair processes by monitoring proteostasis of proteins</i>
10.30 – 11:00 am	 Coffee & Networking
SESSION-8 Invited Talk (20+10 minutes)	AUTOPHAGY, MITOPHAGY & ERAD PATHWAYS Facilitator- Dr. Raji R Lenin, SRMIST, KTR
11.00 - 11.30 am	IT – 16: Prof. Ivan Dikic , IBC Frankfurt, Germany <i>Title: Ubiquitin and Autophagy networks in regulation of ER-remodelling</i>
11.30 - 12.00 pm	IT – 17: Dr. Santosh Chouhan , CCMB, Hyderabad, India <i>Title: RNA-binding E3-ubiquitin ligase in Cancer and Immunity</i>
12.00 – 12:30 pm	IT – 18: Prof. Helen Walden , University of Glasgow <i>Title: Targeting Parkin substrates</i>
12.30 - 1.00 pm Short talk (8+2 minutes)	ST10: Dr. Alexandra Stolz , IBC Frankfurt, Germany <i>Regulation and Modulation of ER-phagy</i> ST11: Saksham Gautam , JNU New Delhi <i>Role of SQSTM1 (p62) in multicellular development of Dictyostelium discoideum</i> ST12: Smita Saha , CDFD Hyderabad <i>Membrane tension-sensing formin-binding protein 1 regulates neuronal Golgiphagy in response to nutrient stress</i>
1:00 - 2.00 pm	 Lunch & Poster Discussion

SESSION-9	PROTEOSTASIS & PROTEIN DEGRADATION PATHWAYS Facilitator- Dr. Dhruva Nandi, SRMIST, KTR
2.00- 2.30 pm Short talk (8+2 minutes)	<p>ST13: Dr. Somsubhra Nath, Presidency University, Kolkata <i>Identifying a ubiquitination dependent transcriptional axis by the mitotic ubiquitin ligase, anaphase-promoting complex/cyclosome (APC/C)</i></p> <p>ST14: Dr. Ekta Tripathi, M. S. Ramaiah University of Applied Sciences, Bengaluru <i>Role of Deubiquitinating Enzymes in Breast Cancer: Mechanistic Insights and Targeted Therapy</i></p> <p>ST15: Dr. Paresh Sharma, NIAB, Hyderabad <i>Theileria annulata Exploits Host Signaling Networks: Decoding ERK1/2-Mediated Transcriptional Regulation through Phosphoproteomics</i></p>
2.30- 3.00 pm OS Talks (8+2 minutes)	<p>OS Talk -1: Dr. Ranabir Das, NCBS, Bangalore, India <i>Title: NMR-detected protein dynamics is present at the centre of host-pathogen interactions</i></p> <p>OS Talk – 2: Dr. Indrajit Sahu, NCCS, Pune, India <i>Title: USP15 – the fourth proteasome associated DUB</i></p> <p>OS Talk – 3: Dr. Piyush Agrawal, SRMIST, KTR, India <i>Title: Treasure hunting antimicrobial property in proteasome processed peptides in hypoxic conditions</i></p>
3.00 - 3.45 pm	Awards & VALEDICTORY CEREMONY



Conference Location:



Dr. T.P. Ganesan Auditorium
SRM Institute of Science & Technology
Kattankulathur-603203, Chennai
Tamil Nadu, India

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