



Bioprocessing India 2024

IC & SR, IIT Madras
December 15 - 17, 2024

Last updated on 13/12/2024



Time	Event Details		
Day 1 - Dec 15, 2024	Day 1 - December 15, 2024		
9:00 am to 10:00 am	Registration		
10:00 am to 10:30 am	Inauguration Ceremony (TTJ Auditorium) Prof. V. Kamakoti (Director, IIT Madras), Prof. Raghunathan Rengaswamy (Dean OGE, IIT Madras), Prof. Manu Santhanam (Dean IC&SR, IIT Madras), Prof. Anurag Rathore (IIT Delhi), Prof. Guhan Jayaraman (IIT Madras) & Prof. Sanjib Senapati (Head, Biotech Dept, IIT Madras)		
10:30 am to 11:15 am	Plenary Lecture 1 - Nathan E. Lewis, UCSD, USA (TTJ Auditorium)		
11:15 am to 11:45 am	Tea Break (ICSR Main Dining Hall & Annexe Dining Hall)		
11:45 am to 1:15 pm	Session 1 - Synthetic Biology & Metabolic Engineering - I (Hall 1)	Session 2 - Biotherapeutics Manufacturing - I (Hall 2)	Session 3 - Computational Systems Biology & Bioprocess Modelling (Hall 3)
	Session Chair - Sanjukta Patra (IIT Guwahati)	Session Chair - Meiyappan L. (IIT Madras)	Session Chair - Karthik Raman (IIT Madras)
11:45 am to 12:10 pm	Keynote Address 1 - Sangram Bagh (Saha Institute of Nuclear Physics)	Keynote Address 2 - Andre Choo (BTI, A*STAR, Singapore)	Keynote Address 3 - Anu Raghunathan (CSIR NCL)
12:10 pm to 12:30 pm	Invited Talk 1.1 - Ishwar Bajaj (Biocon)	Invited Talk 2.1 - Rajkumar Thangarajan (MedGenome Labs)	Invited Talk 3.1 - Sarika Mehra (IIT Bombay)

12:30 pm to 12:50 pm	Early Career Talk 1.1 - Meenakshi Das (IIT Guwahati)	Invited Talk 2.2 - Anirudh Ranganathan (Sekkei Bio)	Invited Talk 3.2 - Mohammed Nadeem (Pfizer Healthcare)
12:50 pm to 1:05 pm	Early Career Talk 1.2 - Karthika Nath P. R. (CSIR IIIST)	Early Career Talk 2.1 - Deepika Sarin (IIT Delhi)	Early Career Talk 3.1 - Mohammed Nasre Alam (IIT Delhi)
1:05 pm to 1:15 pm	Early Career Talk 1.3 - Shraddha Jogi (CSIR NCL)	Early Career Talk 2.2 - Ansuman Sahoo (IIT Guwahati)	Early Career Talk 3.2 - Boravelli Joseph Abhisheka Rao (IIT Tirupati)
1:15 pm to 3:00 pm	Lunch (ICSR Main Dining Hall & Annexe Dining Hall) + Poster session 1 (ICSR Exhibition Hall)		
3:00 pm to 3:45 pm	Plenary Lecture 2 - Pablo Ivan Nickel, DTU, Denmark (TTJ Auditorium)		
3:45 pm to 4:30 pm	Student Flash Talks 1 (TTJ Auditorium) - Refer to the annexure for list of speakers in this session		
4:30 pm to 6:00 pm	Session 4 - Analytical methods development for product & process characterization (Hall 1)	Session 5 - Biofuels & Bulk Biochemicals - I (Hall 2)	Session 6 - Protein Engineering (Hall 3)
	Session Chair - Meiyappan L. (IIT Madras)	Session Chair - Debendra K. Sahoo (CSIR-IMTech)	Session Chair - Richa Karmakar (IIT Madras)
4:30 pm to 4:55 pm	Keynote Address 4 - Krishna M. G. Mallela (Univ. of Colorado, USA)	Keynote Address 5 - Ola Wallberg (Lund University, Sweden)	Keynote Address 6 - Prof. B. Gopal (IISc)
4:55 pm to 5:15 pm	Invited Talk 4.1 - Zach Pang (BTI, A*STAR)	Invited talk 5.1 - K. Mohanty (IIT Guwahati)	Invited Talk 6.1 - Athi N. Naganathan (IIT Madras)
5:15 pm to 5:35 pm	Invited Talk 4.2 - Narayanan Madaboosi Srinivasan (IIT Madras)	Invited Talk 5.2 - Bharat Somireddy (Cosmos Bio)	Invited Talk 6.2 - Swathi Sudhakar (IIT Madras)
5:35 pm to 5:50 pm	Early Career Talk 4.1 - Nitika (IIT Delhi)	Early Career Talk 5.1 - Lokesh Kurupati (IIT Tirupati)	Early Career Talk 6.1 - Nakul R. (IIT Madras)
5:50 pm to 6:00 pm	Early Career Talk 4.2 - Bhoomika Patel (IIT Guwahati)	Early Career Talk 5.2 - Uma R (IIT Madras)	
6:00 to 7:30 pm	Tea (ICSR Main Dining Hall & Annexe Dining Hall) + Poster session 1 (ICSR Exhibition Hall) / BPI Executive Committee Meeting		

7:30 pm onwards	Dinner (ICSR Main Dining Hall)		
Day 2 - Dec 16, 2024	Day 2 - December 16, 2024		
9:00 am to 10:30 am	Session 7 - Downstream Processes Development (Hall 1)	Session 8 - Biotherapeutics Manufacturing – II (Hall 2)	Session 9 - Emerging fields 1: Cell and Gene Therapy (Hall 3)
	Session Chair - M. A. Vijayalakshmi (VIT Vellore)	Session Chair - Narayanan Madaboosi Srinivasan (IIT Madras)	Session Chair - Shantanu Pradhan (IIT Madras)
9:00 am to 9:25 am	Keynote Address 7 - Anurag S. Rathore (IIT Delhi)	Keynote Address 8 - Ankur Bhatnagar (Biocon)	Keynote Address 9 - Srinivas Rengarajan (Kodo Lifesciences)
9:25 am to 9:45 am	Invited talk 7.1 - Sivakumar Palani (Intas Pharmaceuticals)	Invited Talk 8.1 - Pradip Paik (IIT-BHU)	Invited Talk 9.1 - Balaji Balakrishnan (VIT Vellore)
9:45 am to 10:05 am	Invited Talk 7.2 - Lalita Kanwar Shekhawat (IIT Patna)	Invited Talk 8.2 - Bala Yashwanth Ram Vummidi (Inger Therapeutics)	Invited Talk 9.2 - Ruchita Selot (Narayana Nethralaya Foundation)
10:05 am to 10:20 am	Early Career Talk 7.1 - Naveen Gurupatham J. (IIT Delhi)	Early Career Talk 8.1 - Sami Ullah Bhat (IIT Delhi)	
10:20 am to 10:30 am	Early Career Talk 7.2 - Anupa Pahuja (IIT Delhi)	Early Career Talk 8.2- Prabir Kumar Das (IIT Guwahati)	
10:30 am to 10:50 am	Tea Break (ICSR Main Dining Hall & Annexe Dining Hall)		
10:50 am to 11:15 am	BioE3 Policy and Opportunities for Bioeconomy in India - Alka Sharma (Department of Biotechnology, Government of India)		
11:15 am to 11:45 am	Plenary Lecture 3 - Manoj Kumar Panicker, Cytiva India (TTJ Auditorium)		
11:45 am to 1:15 pm	Session 10 - Biocatalysis & Biotransformation (Hall 1)	Session 11 - Nutraceuticals & Phytopharmaceuticals (Hall 2)	Session 12 - Emerging fields 2: Animal Cell-based Smart Proteins (Hall 3)

	Session Chair - Senthilmurugan Subbiah (IIT Guwahati)	Session Chair - Smita Srivastava (IIT Madras)	Session Chair - Vignesh Muthuvijayan (IIT Madras)
11:45 am to 12:10 am	Keynote Address 10 - Prof Sathyanarayana Gummadi (IIT Madras)	Keynote Address 11 - Nathalie Guivarc'h (Université de Tours, France)	Keynote Address 12 - Mukunda Goswami (ICAR-CIFE)
12:10 pm to 12:30 pm	Invited Talk 10.1 - Partha Chakravarthy (Rigel Bioenviron Solutions)	Invited Talk 11.1 – Ashok Kumar Dubey (Tata Chemicals)	Invited Talk 12.1 - Chandana Tekkatte (GFI India)
12:30 pm to 12:50 pm	Early Career Talk 10.1 - Saloni Samant (ICT Mumbai)	Invited Talk 11.2 -P.A. Balakumaran (CSIR NIIST)	Invited Talk 12.2 - Ravali Amba (Demolish Foods)
12:50 pm to 1:05 pm	Early Career Talk 10.2 - Madhumitha Maragathavelan (Anna University)	Early Career Talk 11.1 - Samyukta Srinivasan (IIT Madras)	Invited Talk 12.3 - Janani Radhakrishnan (NIAB)
1:05 pm to 1:15 pm	Early Career Talk 10.3 - Suchismita Maiti (IIT Madras)	Early Career Talk 11.2 - Aneesha A. (CSIR CFTRI)	Early Career Talk 12.1 - Tejaswini G (IIT Madras)
1:15 am to 3:00 pm	Lunch (ICSR Main Dining Hall & Annexe Dining Hall) + Poster session 2 (ICSR Exhibition Hall)		
3:00 pm to 4:30 pm	Session 13 - Biofuels & bulk Biochemicals – II (Hall 1)	Session 14 - Bioentrepreneurship, IP & Tech Transfer (Hall 2)	Session 15 - Bioprocess technologies for food applications (Hall 3)
	Session Chair - Krithika Ravi (IIT Madras)	Session Chair - Guhan Jayraman (IIT Madras)	Session Chair - Malathi Srinivasan (Pfizer Healthcare)
3:00 pm to 3:25 pm	Keynote Address 13 - Ramakrishna Sen (IIT Kharagpur)	Keynote Address 14 - Shilpi Gupta (BIRAC)	Keynote Address 15 - Sridevi Annapurna Singh (CSIR CFTRI)
3:25 pm to 3:45 pm	Invited Talk 13.1 - Vinu R. (IIT Madras)	Invited Talk 14.1 - Raghavendra Sai (IIT Madras)	Invited Talk 15.1 - Lokanand Koduru (Novonosis, Denmark)
3:45 pm to 4:05 pm	Early Career Talk 13.1 - Nitai Basak (NIT Jalandhar)	Invited Talk 14.2 - K. Rajeshwari (Bioklone Biotech)	Invited Talk 15.2 - Bharath Bakaraju (Phyx44)
4:05 pm to 4:20 pm	Early Career Talk 13.2 - Chandukishore T (NIT Warangal)	Invited Talk 14.3 - Ikram Khan (ISMO Biophotonics)	Early Career Talk 15.1 - Pranjali Singh (IIT Madras)

4:20 pm to 4:30 pm		Invited Talk 14.4 - Kavitha Sairam (FIB-SOL Life Technologies)	Early Career Talk 15.2 - Tridib Kumar Bhowmick (NIT Agartala)
4:30 pm to 5:15 pm	Student Flash Talks 2 (TTJ Auditorium) - Refer to the annexure for list of speakers in this session		
5:15 pm to 6:30 pm	Tea (ICSR Main Dining Hall & Annexe Dining Hall) + Poster session 2 (ICSR Exhibition Hall)		
6:30 pm to 8 pm	<p>Panel discussion on <i>Navigating the techno-commercial space in Bioprocessing between academia and industry: An ecosystem perspective</i> (Terrace Hall) Moderator: Guhan Jayaraman (IIT Madras) Panelists: Anurag S. Rathore (IIT Delhi), Ola Wallberg (KTH Sweden), Uma Sinha Datta (Cytiva), Malathi Srinivasan (Pfizer), Mohammed Adil (BBC), Poongumaran P. (TICEL), Priya S. (TIDCO)</p>		
8 pm onwards	Dinner (Terrace Hall)		
Day 3 - Dec 17, 2024	Day 3 - December 17, 2024		
10:00 am to 11:30 am	Session 16 - Translational Ventures: Lab-to-Market (Hall 1)	Session 17 - Vaccine Manufacturing (Hall 2)	Session 18 - Emerging fields 3: Tissue, Organoid & Stem cell Engineering (Hall 3)
	Session Chair - Shilpi Gupta (BIRAC)	Session Chair - Anirudh Ranganathan (Sekkel Bio)	Session Chair - Greeshma Thrivikraman (IIT Madras)
10:00 am to 10:25 am	Keynote Address 16 - Mohammed Adil (Bangalore Bioinnovation Center)	Keynote Address 17 - G. Dhinakar Raj (TANUVAS)	Keynote Address 18 - Sujata Mohanty (AIIMS Delhi)
10:25 am to 10:45 am	Invited Talk 16.1 - Anandasivaraj R. (AICTE)	Invited Talk 17.1 - Rahul Joshi (HiMedia Labs)	Invited Talk 18.1 - Shanti Kumar Nair (AIMS Kochi)
10:45 am to 11:00 am	Invited Talk 16.2 - Priya E. (TICEL Biopark)	Invited Talk 17.2 – Ravindra Patel (OmniBrx Technologies)	Invited Talk 18.2 - Kausik Mukhopadhyay (Univ. of Central Florida, USA)

11:00 am to 11:15 am	Invited Talk 16.3 - Bimalendu Sahu (IIT Madras)	Early Career Talk 17.1 - Abilasha Rani (IIT Delhi)	Invited Talk 18.3 - Binulal Sathay (AIMS Kochi)
11:15 am to 11:30 am	Invited Talk 16.4 - Dara Ajay (IIT Madras)	Early Career Talk 17.2 - Rashmi Sharma (IIT Delhi)	Early Career Talk 18.1 Laavanya D. (IIT Madras)
11:30 am to 12:00 pm	Tea Break (ICSR Main Dining Hall & Annexe Dining Hall)		
12:00 pm to 1:30 pm		Session 19 - Biotherapeutics Manufacturing – III (Hall 2)	Session 20 - Synthetic Biology & Metabolic Engineering – II (Hall 3)
		Session Chair - Lalita Kanwar Shekhawat (IIT Patna)	Session Chair - Ramakrishna Sen (IIT Kharagpur)
12:00 pm to 12:25 pm		Keynote Address 19 - Velu Mahalingam (Intas Pharmaceuticals)	Keynote Address 20 - Syed Shams Yazdani (ICGEB)
12:25 pm to 12:45 pm		Invited Talk 19.1 - Manoj Kumar Shanmugam (Levim Lifetech)	Invited Talk 20.1 - Ramalingam S. (Anna University)
12:45 pm to 1:05 pm		Invited Talk 19.3 - Sumit Singh (IITBHU)	Invited Talk 20.2 - Mugesh Sankaranarayanan (Vel Tech)
1:05 pm to 1:20 pm		Early Career Talk 19.1 - Sowmya R. K. (IIT Madras)	Early Career Talk 20.1 - Sandeep Kumar Panda (IIT Madras)
1:20 pm to 2:45 pm	Valedictory (TTJ Auditorium)		
2:45 pm onwards	Lunch (ICSR Main Dining Hall & ICSR Annexe Dining Hall)		

Annexure

List of Flash Talks - Day 1

Name	Organization	Topic
Ajay G	IIT Guwahati	Biocatalysis & Biotransformation
Kamali T B	Anna University	Biocatalysis & Biotransformation
Priyadharshini T	IIT Madras	Biocatalysis & Biotransformation
Vikash Gokul D	IIT Madras	Biotherapeutics Manufacturing
Keerthana C	IIT Madras	Computational Systems Biology & Bioprocess Modelling
Kala B	IIT Madras	Synthetic Biology/Metabolic Engineering
Richa Srivastava	IIT Madras	Synthetic Biology/Metabolic Engineering
Sharath Soundiraraj	IIT Madras	Synthetic Biology/Metabolic Engineering

List of Flash Talks - Day 2

Name	Organization	Topic
Bedanta Chakraborty	IIT Guwahati	Analytical Methods Development For Product & Process Characterization
Abhiramy DS	CSIR-NIIST, Thiruvananthapuram	Biofuels & Bulk Biochemicals
Punitha G	IIT Madras	Biofuels & Bulk Biochemicals
Rama Koteswara Rao Jonnalagadda	Vignan's Foundation for Science, Technology and Research, Guntur	Biofuels & Bulk Biochemicals
Mohit Jadhav	ICT, Mumbai	Biofuels & Bulk Biochemicals
Pratik Punj	IIT Patna	Downstream Processes Development
Mohana Priya Shankar	IIT Hyderabad	Nutraceuticals & Phytopharmaceuticals
Srivatsan R	IIT Guwahati	Nutraceuticals & Phytopharmaceuticals