



International Conference on *Trends in Biological Sciences 2025 [TIBS-2025]*

8 to 10 December 2025, Venue: Convention Center, JNU, New Delhi

Programme Schedule

Programme Schedule	
DAY-1, 8 December 2025	
TIME	EVENT
8:00- 9:00 AM	Tea/Coffee Venue: Convention Center Foyer & Cafeteria
8:00 AM onwards	Registration Venue: Convention Center Gallery
9:45-1AM	Inaugural Ceremony Venue: AUDI-I
9:45-9:55 AM	Welcome of the Guests: Prof. Atul K. Johri, Convener
9:55-10:00 AM	Lamp Lighting & Saraswati Vandana
10:00-10:10 AM	President MBSI: Prof. Arvind Madahavrao Deshmukh
10:10-10:20 AM	President INSCR: Prof. Rup Lal
10:20-10:30 AM	Message by Eminent Scientist: Prof. Robert M. Stroud & Prof. Rakesh Bhatnagar
10:30-10:35 AM	Dean School of Life Sciences, JNU: Prof. Supriya Chakraborty
10:35-10:45 AM	Address by Chief Guest: Prof. Brajesh Kumar Pandey, Rector-I, JNU
10:45-10:50 AM	Vote of Thanks: Prof. Arun S. Kharat
10:50 -11:20 AM	Inaugural Keynote Talk-1 Venue: AUDI-I
	Gut Commensals-Derived Succinate Impels Colonic Inflammation in Ulcerative Colitis Prof. Amit Awasthi Senior Professor & Head, Center for Immuno-biology and Immunotherapy BRIC-THSTI, Faridabad, Haryana, India
11:20-11:50 AM	High Tea & Networking Venue: Convention Center Foyer & Cafeteria



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Programme Schedule

11:50-12:20 PM	Keynote Talk-2 Venue: AUDI-I Catch Me If You Can: Solving the Enduring Challenge of Dormant TB Prof. Govardhan Das Director, IISER Bhopal, Madhya Pradesh, India
12:20-12:50 PM	Keynote Talk- 3 Venue: AUDI-I Is AI the New Language of Biology? Prof. Anurag Agarwal Trivedi School of Biosciences, Ashoka University, Sonapat, Haryana, India
12:50-1:20 PM	Keynote Talk-4 Venue: AUDI-I Rethinking Dengue Immunity : A Novel T-Cell Subset That Shapes Antibody Responses Prof. Nimesh Gupta Senior Scientist and Head, Vaccine Immunology Laboratory, National Institute of Immunology, New Delhi, India.
1:20-1:30 PM	Industrial Talk-1 Venue: AUDI-I CAR-T and Cancer Therapy Dr. Priya Kapoor G Hingorani Miltenyi Biotech, Hyderabad, India



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1:30-1:40 PM	Industrial Talk-2 Venue: AUDI-I					
	Hi-Media's Advance Cell-Bio Solutions: Advance 3D Bioprinter Technology and It's Applications Dr. Himanshu Sharma Hi-Media, Mumbai, India					
1:40-2:30 PM	Lunch Venue: Convention Center Foyer & Cafeteria					
2:30-4:30 PM	Concurrent Session –I					
	Venue					
	Lecture Hall-I		Committee Room		Lecture Hall-II	
	Session A		Session B		Session C	
	Microbial Genetics		Molecular Microbiology & Host-Microbe Interaction		Microbial Pathogenesis	
2:30-2:50 PM	Lead Speaker	Prof. Sneha Sudha Komath	Lead Speaker	Dr. Ved Prakash Dwivedi	Lead Speaker	Dr. Suraj Parihar
2:50-3:10 PM	Speaker 1	Prof. Raghuvir Singh Tomar	Speaker 1	Prof. Asish Nandi	Speaker 1	Dr. Mrutyunjay Saur
3:10-3:30 PM	Speaker 2	Dr. H.D. Khade	Speaker 2	Dr. Sudip Mukherjee	Speaker 2	Prof. Ritu Gaur



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3:30-3:50 PM	Speaker 3	Prof. Nirala Ramchiary	Speaker 3	Dr. Indranil Chattopadhyay	Speaker 3	Prof. Vaibhav Bhatt
3:50-4:10 PM	Speaker 4	Dr. Vidya Devi Negi	Speaker 4	Dr. Vijay Kumar Prajapati	Speaker 4	Dr. Ravi Tandon
4:10-4:30 PM	Speaker 5	Dr. Nivedita Mishra	Speaker 5	Dr. Chintan V. Kapadia	Speaker 5	Dr. Abhishek Bansal
4:30-5:00 PM	Tea/Coffee and Networking Venue: Convention Center Foyer & Cafeteria					
5:00-5:40 PM	Concurrent Session –II					
	Venue					
	Lecture Hall-I	Committee Room		Lecture Hall-II		
	Session A Clinical Aspects of Dengue Virus Chairperson: Prof. Mrutyunjay Suar Co-Chair: Prof. Gaurav Shah	Session B Cancer Biology Chairperson: Prof. Shilpi Dutt Co-Chair: Dr. Vikas Yadav		Session C Gut Microbiome Chairperson: Prof. Rajesh Kannan Co-Chair: Dr. A. J. Nair		
5:00-5:20 PM	Lead Speaker	Dr. Manisha Arora	Lead Speaker	Dr. Aparna Anand	Lead Speaker	Dr. Anil Kumar
5:20-5:40 PM	Speaker 1	Dr. Supratik Das	Speaker 1	Prof. Vijai Pal Singh Rawat	Speaker 1	Prof. Neelu Jain Gupta
6:00-7:30 PM	Cultural Program Venue: AUDI-I					
7:30-9:00 PM	Gala Dinner Venue: Convention Center Foyer & Cafeteria					



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DAY-2, 9 December 2025	
8:00 – 9:30 AM	Breakfast Venue: Convention Center Foyer & Cafeteria
8:00 – 9:30 AM	Registration Venue: Convention Center Gallery
9:30-10:00 AM	Plenary Talk Venue: AUDI-I
	Marine Bioprospecting: Innovations for a Sustainable Blue Economy Dr. Debasis Das Director, Institute of Life Sciences, Bhubaneswar, Odisha
10:00-10:30 AM	Plenary Talk Venue: AUDI-I
	ATG8 and Sw5: Beleguer for Virus Infection in Plants Prof. Manoj Prasad Professor & JC Bose National Fellow at Dept. of Genetics, University of Delhi South Campus, New Delhi, India.
10:30-11:00 AM	Plenary Talk Venue: AUDI-I
	Obesity Alters the Metabolic and Immunologic Response of Pulmonary CD8⁺ T Cells to SARS-CoV-2 Infection Dr. Shailendra K. Verma Center for Vaccine Innovation, La Jolla Institute for Immunology, La Jolla, California, USA



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Programme Schedule

11:00-11:30 AM	Tea/Coffee & Networking Venue: Convention Center Foyer & Cafeteria					
11:30-1:30 PM	Concurrent Session – III					
	Venue					
	Lecture Hall-I	Committee Room		Lecture Hall-II		
	Session A Antimicrobial Resistance Chairperson: Prof. Arun S. Kharat Co-Chair: Prof. Sashi Chawla	Session B Immunology and Vaccine Development Chairperson: Dr. Shailendra K. Verma Co-Chair: Dr. Deeksha Tripathi		Session C Structure Biology Chairperson: Prof. Rajiv Bhat Co-Chair: Dr. Iti Garg		
11:30 -11:50 AM	Lead Speaker	Prof. Ramandeep Singh	Lead Speaker	Dr. Sunil K. Raghav	Lead Speaker	Prof. Deepti Jain
11:50-12:10 PM	Speaker 1	Prof. Hardeep Kaur	Speaker 1	Dr. Niti Puri	Speaker 1	Dr. Bichitra Biswal
12:10-12:30 PM	Speaker 2	Dr. Soma Mondal	Speaker 2	Dr. Prafulla Kumar B. Tailor	Speaker 2	Dr. Gourinath Samudrala
12:30-12:50 PM	Speaker 3	Dr. Ravi Verma	Speaker 3	Dr. Maruthi Krishna Mohan Poluri	Speaker 3	Dr. Apurba Kumar Sau
12:50-1:10 PM	Speaker 4	Prof. Asad Ullah Khan	Speaker 4	Dr. Shailendra Mani	Speaker 4	Dr. Shailendra Asthana
1:10-1:30 PM	Speaker 5	Dr. Tapti Sengupta	Speaker 5	Prof. Amit Dutt	Speaker 5	Dr. Dhaneswar Prusty
1:30-3:00 PM	Lunch Venue: Convention Center Foyer & Cafeteria All Poster Presentation & Evaluation Venue: Convention Center Gallery					



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3:00-5:00 PM	Concurrent Session-IV					
	Venue					
	Lecture Hall-I		Committee Room		Lecture Hall-II	
	Session A General Environmental Microbiology Chairperson: Prof. Sanjeev Patankar Co-Chair: Dr. Meenakshi Dua		Session B Molecular Microbiology Chairperson: Prof. Arvind Deshmukh Co-Chair: Dr. Puja Yadav		Session C Microbes for Society Chairperson: Prof. Kiran Babu Co-Chair: Dr. Ravi Tandon	
3:00-3:20 PM	Lead Speaker	Prof. Prashant Phale	Lead Speaker	Prof. Anand Ranganathan	Lead Speaker	Prof. Rupesh Chaturvedi
3:20-3:40 PM	Speaker 1	Dr. Iti Garg	Speaker 1	Prof. Shailja Singh	Speaker 1	Dr. Nafisa Patel
3:40-4:00 PM	Speaker 2	Dr. Stanzin Dawa	Speaker 2	Prof. V. Samuel Raj	Speaker 2	Dr. Rajesh Kannan
4:00-4:20 PM	Speaker 3	Dr. Malini Basu	Speaker 3	Dr. Saman Fatima	Speaker 3	Dr. Abhinay Sharma
4:20-4:40 PM	Speaker 4	Dr. Rajendra Singh	Speaker 4	Dr. Amit Kumar Pandey	Speaker 4	Dr. Prasenjit Das
4:40-5:00 PM	Speaker 5	Dr. Shama Afroze	Speaker 5	Dr. Sachin Khurana	Speaker 5	Dr. Sandeepa Burgala
5:00-5:30 PM	Tea/Coffee and Networking Venue: Convention Center Foyer & Cafeteria					
5:30-6:00 PM	Plenary Talk Venue: Lecture Hall I					
	Immunological Correlates Defining Tuberculosis Pathogenesis Dr. Dhiraj Kumar Cellular Immunology Group, ICGB, New Delhi, India					



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6:15-7:45 PM	Cultural Event Venue: AUDI-I
8:00-9:30 PM	Gala Dinner Venue: Convention Center Foyer & Cafeteria





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DAY-3, 10 December 2025	
8:00-9:00 AM	Breakfast Venue: Convention Center Foyer & Cafeteria
8:00-9:00 AM	Registration Venue: Convention Center Gallery
8:30-9:30 AM	General Body Meeting MBSI Venue: AUDI-I
9:30-10:00 AM	Keynote Talk-5 Venue: AUDI-I
	MAPKs in Action: Orchestrating Plant Growth and Adaptation Dr. Alok K. Sinha National Institute of Plant Genome Research (NIPGR), New Delhi, India
10:00-10:30 AM	Keynote Talk-6 Venue: AUDI-I
	Structure and Dynamics of The Essential Endogenous Mycobacterial Polyketide Synthase Pks13 Prof. Robert Stroud Department of Biochemistry and Biophysics, University of California San Francisco, USA
10:30-11:00 AM	Plenary Talk Venue: AUDI-I
	Surviving the Odds: Fungal Survival Under Hostile Host Environment and Mechanism of Overcoming Host Defences to Cause Disease Prof. Praveen Kumar Verma School of Life Sciences, Jawaharlal Nehru University, New Delhi, India



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Programme Schedule

11:00-11:30 AM	Tea/Coffee & Networking Venue: Convention Center Foyer & Cafeteria		
11:30-3:10 PM	Oral Presentation Session		
	Venue		
	Lecture Hall-I	Committee Room	Lecture Hall-II
	Session A Young Women Ph.D./Post-Doc Award	Session B Young Men & Women Scientist/Faculty Award	Session C Young Ph.D. Scholar
11:30-11:40 PM	Dr. Sharmila Chakraborty	Dr. Saurabh Sharma	Prof. Anand Mohan
11:40-11:50 AM	Dr. Pooja Mahajan	Dr. Souvik	Neenu P Raju
11:50-12:00 PM	Aditi Mishra	Dr. Deeksha Tripathi	Kelvin Osei
12:00-12:10 PM	Jyoti Sood	Dr. Sushma Mithina	Nilesh
12:10-12:20 PM	Safura Nisar	Dr. Ditimoni Dutta	Sumedh Pralhad Narwade
12:20-12:30 PM	Harsha	Dr. Narmada S	Ayush Vikram Singh
12:30-12:40 PM	Tanya Bhagat	Dr. Rimpay Kaur Chowhan	K. Geetha Rani
12:40-12:50 PM	Prerna Yadav	Dr. Savita Petwal	Gunjan
12:50-1:00 PM	Gheewala Maitry Kirankumar	Dr. Ganga Jeena	Ramesh
1:00-1:50 PM	Lunch Venue: Convention Center Foyer & Cafeteria		



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1:50-2:00 PM	Debarati Paul		Dr. Asmabanu Kamruddin Shaikh		Pankaj Kumar Bharti	
2:00-2:10 PM	Rhythm Sharma		Pradnya Purushottam Khode		Lovely Singh	
2:10-2:20 PM	Sakshi R. Barad		Gayatri Rajesh Chaudhari		Rahul Yadav	
2:20-2:30 PM	Ojaswi Singh		Aditi Nanasaheb Deshmukh		Akanksha Verma	
2:30-2:40 PM	Mahak Singh		Dr. Nidhi Verma		Dr. Mamta Sharma	
2:40-2:50 PM	Anupam Teotia		Dr. Vaishali U. Dange		Dr. Richa Arora	
2:50-2:55 PM	Arpita Ghosh		Hariom Chaudhary		Sneha Shree	
2:55-3:00 PM	Firdous		Asjad Raza		B. Anusha	
3:00-3:05 PM	Veditha Krishna		Om Laxman Dole		Kumkum Dipak Agrawal	
3:10-5:00 PM	Concurrent Session-V					
	Venue					
	Lecture Hall-I		Committee Room		Lecture Hall-II	
	Session A Molecular Microbiology & Cellular Biology Chairperson: Prof. Ravi Tuteja Co-Chair: Dr. Shama Afroze		Session B Crossroads of Environmental Microbiology & Host-Pathogen Interaction Chairperson: Prof. Anand Ranganathan Co-Chair: Dr. Alok Singh		Session C Antimicrobial Resistance & Industrial Microbiology Chairperson: Prof. Kashyap Dubey Co-Chair: Dr. Ravi Verma	
3:10-3:25 PM	Lead Speaker	Dr. Vikas Yadav	Lead Speaker	Prof. Anand Sarkar	Lead Speaker	Dr. Raj Kumar Haldar
3:25-3:35 PM	Speaker 1	Dr. H. Nanaocha Sharma	Speaker 1	Dr. Swati M. Biswas	Speaker 1	Prof. Kiran Babu



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3:35-3:45 PM	Speaker 2	Dr. Iqbal Ahmad	Speaker 2	Dr. Sarfaraz Ahmad	Speaker 2	Dr. Shazia Haider
3:45-3:55 PM	Speaker 3	Prof. Asimul Islam	Speaker 3	Dr. Lakshna	Speaker 3	Dr. Shashikant Ray
3:55-4:05 PM	Speaker 4	Dr. Pushpalata Narayana Rao Jadav	Speaker 4	Dr. Saurav Sagar	Speaker 4	Dr. Puja Yadav
4:05-4:15 PM	Speaker 5	Dr. Swapna Mukherjee	Speaker 5	Dr. Seikh Zarina Moin	Speaker 5	Dr. C.P. Prince
4:15-4:25 PM	Speaker 6	Dr. Digvijay Verma	Speaker 6	Dr. Sunil K. Srivastava	Speaker 6	Dr. Biprانش Kumar Tiwary
4:25-4:35 PM	Speaker 7	Dr. Vijay Wadhai	Speaker 7	Dr. Varsha Sachin Mistry	Speaker 7	Dr. Kirat Kumar Ganguly
4:35-4:45 PM	Speaker 8	Dr. Arunima Biswas	Speaker 8	Dr. Shafaq Rasool	Speaker 8	Dr. Vrushali Wagh
4:45-4:55 PM	Speaker 9	Priya Rai	Speaker 9	Dr. Vivek K. Natarajan	Speaker 9	Dr. Prashant Sridhar Wakte
5:00-6:00 PM	Valedictory Session Venue: AUDI-I <i>Award Ceremony, Felicitation & Concluding Remarks</i>					
6:00-7:00 PM	High Tea/Coffee Venue: Convention Center Foyer & Cafeteria					
	 Thank You 					