



LOVELY
PROFESSIONAL
UNIVERSITY

Transforming Education Transforming India



With Knowledge Partner



ASSOCIATION
OF CLINICAL BIOCHEMISTS
AND MICROBIOLOGISTS

Is Organizing
INTERNATIONAL CONFERENCE
BIOINNOVATE 2025
30th & 31st OCTOBER, 2025



"BIOINNOVATE: BRIDGING SCIENCE AND SOCIETY FOR SUSTAINABLE DEVELOPMENT GOALS" (BIOINNOVATE, 2025)

HYBRID MODE

Organized by
Department of Biotechnology and Bioinformatics,
School of Bioengineering and Biosciences, Lovely Professional University, Phagwara, Punjab

LOVELY PROFESSIONAL UNIVERSITY

Lovely Professional University (LPU) is a multi-faculty research-oriented institution with hi-tech campus offering more than 200 professional programmes. LPU campus is a complete world in itself having students from all states of India and more than 40+ countries of the world. LPU is a world class institution with internationally benchmarked curricula, innovative pedagogy focused on experiential learning, cutting edge research, 450+ foreign tie-ups, well qualified faculty with industry exposure, outstanding sports & cultural facilities, excellent residential facilities, In-campus shopping mall, hospital, banks, postal services etc. The University is ranked high on various parameters by Government Bodies and other credible organisations. LPU receives Highest Grade A++ with 3.68 score on 4 Point Scale by NAAC (National Assessment & Accreditation Council), an Autonomous Institution of the University Grants Commission (UGC), Ministry of Education, Govt. of India. The Times Higher Education World University Rankings 2025 has ranked LPU amongst Top 10 Universities in India Including all Government (even IITs & NITs), & Private Institutions, and many more.



ABOUT SBEB S LPU

School of Bioengineering and Biosciences was established at LPU in the year 2006. The school has now created a competitive and research-friendly environment with its infrastructure and facilities. The school has eight domains namely, Biotechnology, Biochemistry, Microbiology, Molecular Biology & Genetic Engineering, Zoology, Botany, Bioinformatics, and Forensic Sciences. The school focuses primarily on the quality of education given to the students and has recruited highly competent faculty from diverse educational, industrial, and research backgrounds.

ABOUT CONFERENCE

The International Conference on “BIOINNOVATE: Bridging Science and Society for Sustainable Development Goals” provides a dynamic platform for researchers, academicians, industry experts, policymakers, and students to engage in meaningful dialogue and knowledge exchange. This conference focuses on the convergence of biological innovation and societal needs, emphasizing the pivotal role of science and technology in achieving the United Nations Sustainable Development Goals (SDGs).

KEYWORD

Health, Biomedical, Environment, Nanotechnology, Bioinformatics, Plant Biotechnology

ABOUT ACBM

The Association of Clinical Biochemists and Microbiologists (ACBM) is a professional and academic organization dedicated to advancing the fields of clinical biochemistry and microbiology. ACBM is working with LPU synergistically as a knowledge partner and is actively involved in their scientific committee of conducting this event.

SUB-THEMES

Biotechnology for a Sustainable Future: Exploring innovations in plant biotechnology, animal biotechnology, bioprocess engineering, bioenergy, and environmental biotechnology to address global challenges.

Microbial Frontiers in Health and Environment: Role of microbiomes, probiotics, and extremophiles in shaping health and ecosystems.

Advances in Biochemical Research and Therapeutics: Emerging trends in enzymology, metabolic pathways, and biomolecular engineering.

Next-Gen Molecular Biology & Genetic Engineering: CRISPR, gene-editing technologies, and their applications in medicine and agriculture.

Zoological Innovations in Biodiversity and Conservation: Leveraging biotechnology and data analytics for wildlife conservation, ecosystem restoration and maintaining the life of land and life underwater.

Innovative Trends in Botanical Sciences: Plant genomics, phytoremediation, and their contributions to sustainable agriculture.

Cutting-edge Bioinformatics and Computational Biology: Computational Drug Discovery and Personalized Medicine, Big data analysis, and systems biology.

Revolutionizing Forensic Sciences with Emerging Technologies: Applications of molecular diagnostics, AI, and IoT in forensic investigations.

Revolutionizing Healthcare with Biomedical Engineering: Innovations in medical devices, imaging, and patient care technologies.

Neuroengineering & Brain Machine Interface: Exploring AI-driven neural interfaces, bioelectronic medicine, and cognitive prosthetics.

Blockchain in Healthcare & Biomedical Data Security: Ensuring transparency and security in medical records and research data.

Artificial Intelligence and Machine Learning in Biosciences: Predictive modeling, biomarker discovery, and personalized medicine advancements.

3D Bioprinting: Bridging Bioengineering and Medicine: Innovations in tissue engineering, organ printing, and regenerative therapies.

Internet of Things (IoT) for Real-Time Biosciences Applications: IoT-enabled smart labs, wearable biosensors, and health monitoring systems.

Synthetic Biology: Building Life from Scratch: From bio-inspired materials to engineering novel biological systems.

Nanobiotechnology: From Diagnostics to Drug Delivery: Revolutionary nanomaterials for precision medicine and diagnostics.

Clean Water and Sanitation: Biotechnology's role in providing sustainable water resource management technologies.

Climate Change: Adapting to a Changing Planet: Role of biotechnological interventions in mitigating climate impacts.

Food Security and Agricultural Biosciences: Sustainable crop production, pest resistance, and biofortification.

CALL FOR ABSTRACT & FULL-LENGTH MANUSCRIPTS

The scientific committee of Bioinnovate, 2025 is delighted to announce the Call for Abstracts for the International Conference on "BIOINNOVATE: BRIDGING SCIENCE AND SOCIETY FOR SUSTAINABLE DEVELOPMENT GOALS" scheduled to take place in 2025. This prestigious event will gather researchers, practitioners, and scholars from across the globe to discuss and disseminate the latest advancements in human health, climate change, food security, health care, and environmental sustainability with a particular focus on human health and environmental safety. Interested scholars, scientist, researchers, faculties, and students may send their research work for consideration in Oral/Poster Presentation.

* Full-length manuscripts would be invited from accepted abstracts after due review.

* Send the abstract and full-length to Bioinnovate2025@lpu.co.in

- Manuscripts should be submitted in the English language as Microsoft Word documents (.doc or .docx)
- Selected manuscripts will be published in Scopus Indexed Journals.

REGISTRATION FEES

Delegate	Early Bird	Registration/ On Spot Registration
UG and PG students	Rs. 1500	Rs. 2000
Ph.D./ Research Scholars	Rs. 2000	Rs. 2500
Faculty/ Industry Person	Rs. 2500	Rs. 3000
International	\$ 100	\$ 120

- Registration fees include- Kit, Tea and Snacks
- Programme schedule will be shared later.

IMPORTANT DATES

Title	Date
Conference Date	30 th -31 st Oct, 2025
Last Date of Abstract Submission	30 th Sep, 2025
Paper Acceptance	15 th Oct, 2025
Camera Ready	20 th Oct, 2025
Early Bird Registration	1 st July-30 th Sep, 2025
Registration	1 st - 25 th Oct, 2025

KEYNOTE SPEAKERS



Prof. Nesrein M Hashem
Professor
Alexandria University
Egypt



Dr. Anil Kumar
Staff Scientist
NII, New Delhi



Dr. Girish Gaur
Associate Director
Rivaara Labs,
Mumbai



Prof. Kshama Hiremath
Co-Founder, CEO,
Lab director Trident
Diagnostics & Healthcare
Bangalore, Karnataka

GUEST SPEAKER



Dr. Rashmi Rana
Associate Professor
Sir Ganga Ram Hospital
New Delhi

INVITED SPEAKERS



Dr. Pallavi Singhal
Scientist Officer
Bhabha Atomic
Research Centre
Mumbai, India



Dr. Gulshan Kumar Dhingra
Professor, Dean of
Science, SDS
Uttarakhand University
Rishikesh, India



Dr. Shashank Deep
FRSC, FRSB, Professor,
IIT, New Delhi,
India



Dr. Ramesh Chand Kasana
Scientist
(Microbiology)
CIPHET, Ludhiana
Punjab, India



Dr. Md. Imtaiyaz Hassan
FRSB., FRSC.
Professor, Jamia Millia
Islamia, Jamia Nagar
New Delhi, India



Dr. Varun Sharma
Head
R&D Division
NMC Genetics Pvt Ltd
Gurugram



Dr. Indu Sharma
Research Scientist
University of Southern
California Los Angeles,
USA



Dr. Manoj Baranwal
Professor & Associate
Head TIET, Patiala
Punjab, India



Dr. Alpa J Dherai
Consultant Biochemist
P.D. Hinduja Hospital
& MRC Mumbai,
India



Dr. Siva Adarsh
Senior Manager
NeoGen Labs Pvt. Ltd
Bangalore, India



Dr. Sandeep Singh
Senior Scientist
CSIR-IITR, Lucknow
U.P. India



Dr. Anita Kamra Verma
Professor, Kirori Mal
College University of
Delhi New Delhi, India

ACCOMMODATION

For International and National delegates accommodation will be arranged in hostels and UNI hotel on the campus on a payment basis

ADVISORY COMMITTEE

**Dr. Juliana Heloisa Pine
Americo Pinheiro**
Sao Paulo State University
(UNESP), Brazil

Dr. Sudarshan Kumar
Senior Scientist, Animal Biotechnology
Centre, ICAR-National Dairy Research
Institute (NDRI), Karnal, Haryana

Dr. Subrat Kumar Pattanayak
National Institute of Technology
(NIT), Raipur

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Director, CSIR-Institute of Himalayan
Bioresource Technology (CSIR-IHBT),
Palampur. H.P., India

Dr. Surinder Kumar Mehta
Vice-Chancellor, University of
Ladakh UT, India

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JECRC University, Jaipur,
Rajasthan, India

Dr. Suneel Kumar Singh
Associate Professor
Modern Institute of Technology
Dhalwala, Rishikesh, Uttarakhand

Dr. Shashank Kr. Singh
Sr. Principal Scientist
Pharmacology Division
CSIR – Indian Institute of Integrative
Medicine, Canal Road, Jammu

Prof. Gulshan Kumar Dhingra
Dean of Science, Director Academics
& IQAC Pt Sri Dev Suman Uttarakhand
University (Govt. Of Uttarakhand)
Rishikesh

Dr. Anil Kumar
Staff Scientist Gene Regulation
Laboratory National Institute of
Immunology (NII) New Delhi, India

ORGANIZING COMMITTEE

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Honourable Chancellor, LPU

Patron

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Dr. Neeta Raj Sharma
Senior Dean, School of Bioengineering and
Biosciences, LPU

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Department of Biotechnology, School of
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Co-Convener

Dr. Reena Singh
Department of Biotechnology, School of
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Hospitality Chair

Dr. Anand Mohan & Dr. Poonam Khalsa

Hospitality Co-Chair

Dr. Ajay Kumar & Dr. Anupama Rani

Media & Publicity Chair

Mr. Balwinder Singh
Web Designer, Division of Infotech, LPU

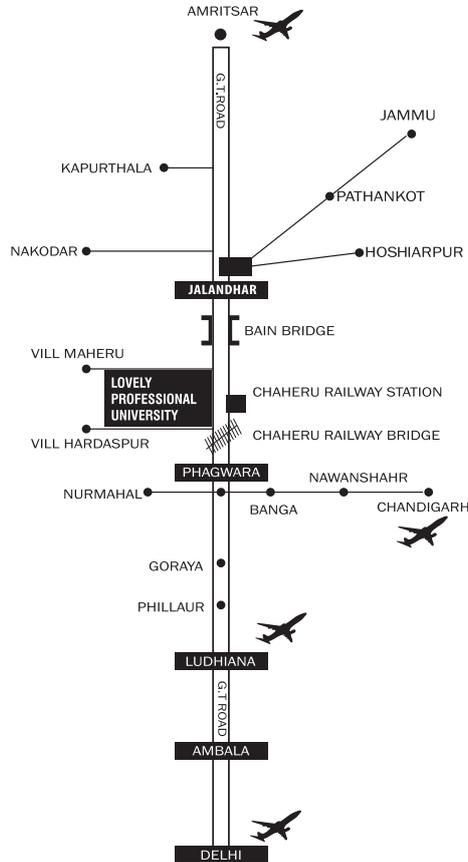
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HOW TO REACH US



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