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Sophia University, Japan

Dr. Tanu Rana, Associate Dean of Medical Education,
Thomas F. Frist, Jr. College of Medicine, Belmont University, USA

Conference Chairperson

Dr. Vijayanand S, Dean, School of Biological and Forensic Sciences

Conference Co-Chairs

Dr. Priya Josson Akkara, Head, Department of Life Sciences

Dr. Sonia Angeline M, Coordinator (PG), Department of Life Sciences

Dr. Sangeetha Menon, Coordinator (UG), Department of Life Sciences

Convenors

Dr. P Roopa, Associate Professor, Department of Life Sciences (9447496986)

Dr. Gurunathan S, Associate Professor, Department of Life Sciences (9840439566)

How to reach Kristu Jayanti University

By Bus

- From Majestic BMTC Bus Stand: Platform 19: Bus Route - 292 B & C
- From KR Market: Bus Route - 292, 292B, 293C, 292D, 292F, 293

By Train/Rail

- Nearest Railway Station: Bangalore East (8 Km) / Bangalore Cantonment (10 Km) / SMVT (10 Km)

By Air

- Bengaluru International Airport (28 Km)



CONFERENCE SECRETARIAT
Department of Life Sciences
School of Biological and Forensic Sciences
Kristu Jayanti (Deemed to be University)

K Narayanapura, Bengaluru - 560 077. | E-mail: lsevents@kristujayanti.com | www.kristujayanti.edu.in



KRISTU JAYANTI
(DEEMED TO BE UNIVERSITY)
Under Section 3 of UGC Act 1956
A CMI INSTITUTION | BENGALURU | INDIA

**School of Biological and
Forensic Sciences**

Department of Life Sciences

4th International Conference

**Frontiers of Translational
Research in Life Sciences
(ICFTRLS)**

8 - 9 February 2027



in collaboration with

UF **IFAS Research**
UNIVERSITY of FLORIDA

BELMONT
UNIVERSITY

Publication Partners

Kristu Jayanti Journal of Core & Applied Biology (KJCAB)

&

International Journal of Advancements in Life Sciences Research (IJALSR)

www.kristujayanti.edu.in

KRISTU JAYANTI (DEEMED TO BE UNIVERSITY) established in 1999 and managed by the Kristu Jayanti Trust of the Carmelites of Mary Immaculate (CMI), was reaccredited with an A++ grade by NAAC in 2021. Granted Deemed to be University status during July 2025, the University is committed to academic excellence, values, and global competencies. In 2025, it was ranked 34th in the NIRF top 100 colleges in India. The institution has also won national accolades, including the Clean and Smart Campus Award, and ranks top among across various disciplines in the India Today-MDRA survey 2026, distinguishing itself among the best colleges in Bengaluru and nationally.

The Department of Life Sciences was started in the year 2002, with the aim of providing comprehensive and high-quality education to aspiring students. The Department offers B.Sc. programmes in Biochemistry, Biotechnology, Botany, Genetics and Microbiology and M.Sc. programmes in Biochemistry, Biotechnology, Microbiology and Bioinformatics and Ph.D. programmes in the domains of Biochemistry, Biotechnology, Microbiology, Genetics and Botany. The Department was recognised with the prestigious DBT Star College status by the Ministry of Science and Technology in 2020. Driven by dedicated faculty and state-of-the-art research laboratories, the department fosters curiosity, hands-on skills and scientific innovation to prepare students for impactful careers in modern science.

Conference Preamble

Translational Research bridges the gap between basic scientific discovery and real-world applications. Its significance lies in accelerating the delivery of life saving innovations and benefitting human life. The International Conference on Frontiers of Translational Research in Life Sciences is a global platform for scientific exchange and collaboration. Integrating perspectives across healthcare, environmental science, systems biology, and sustainable technology, the conference addresses pressing global challenges through translational research. The conference will feature keynote and plenary sessions by distinguished national and international scientists. Young researchers will also exhibit their work through oral and poster presentations. The conference is being organised in collaboration with University of Florida, USA and Belmont University, USA. We warmly invite you to join us on this vibrant platform to exchange knowledge, foster innovative solutions and shape emerging research directions.

Sub-Themes

Artificial Intelligence, Synthetic Biology and Omics Technologies

- Bio-AI & Computational Biology
- Drug Design & Development
- Multi-Omics & Genome Editing Technologies
- Industrial Biomanufacturing & Biopharmaceuticals
- High-Value Products through Synthetic Biology
- Big Data Biology

Healthcare and Biomedical Frontiers

- Infectious Diseases & Antimicrobial Resistance (AMR)
- Microbiome & One Health
- Next-Generation Materials and Nanomedicine
- Neurotechnology, Smart Sensors & Biomedical Devices
- Biotherapeutics & Translational Medicine

Sustainable and Circular Bioeconomy

- Life Sciences as a driver for Economy, Environment and Employment (BioE3)
- Waste-to-Wealth
- Microalgae & Biofuel Technologies
- Crop Improvement & Resilient Agriculture
- Functional Foods & Alternative Proteins

Bioresources and Bioprospecting

- Livestock Management
- Marine & Aquaculture Management
- Animal & Plant Bioresources
- Agricultural & Forest Bioresources
- Natural Products & Wellness

Ecology and Environmental Management

- Biodiversity Conservation: Current Trends
- Climate Change & Mitigation
- Pollution Control & Bioremediation
- Green Infrastructure & Environmental Footprinting

Invited Speakers



Dr. Daniel M Czyz
Associate Professor
Dept. of Microbiology & Cell Science
University of Florida, USA



Dr. Tanu Rana
Associate Dean of Medical Education
Thomas F. Frist, Jr. College of Medicine
Belmont University, USA



Dr. Guangwei Huang
Professor, Dean
Graduate School of Global Environmental Studies
Sophia University, Japan



Dr. E P Meran Keshawa
Senior Lecturer
Dept. of Biochemistry & Molecular Biology
University of Colombo, Sri Lanka

Registration Details:		Scan to Register 
International Delegates		
Participation only	: Free	
Participation with Paper Presentation	: US\$10	
Academicians and Industry Delegates		
Participation only	: ₹1000	
Participation with Paper Presentation	: ₹1300	
Students & Ph.D. Research Scholars		
Participation only	: ₹700	
Participation with Paper Presentation	: ₹1000	

Note:

A valid institutional ID card or official letter is required to complete registration.

Registered participants who present a paper will receive a Certificate of Presentation.

Registration Link

<https://kjusys-events.kristujayanti.edu.in/#/?id=6a75c75d1721295daf175d31>

Guidelines for Submitting Abstract

Abstract must be written in English, typed in MS Word using Times New Roman font (12 pt, 1.5 line spacing), and kept strictly under 250 words. The body should cover the following: Objectives, Materials and Methods, Results, and Discussion. Please include author name(s), affiliation(s), and primary email address. All submissions will be reviewed by an internal committee. Abstracts meeting the standards will only be considered for presentation. Authors will receive email updates regarding the acceptance status of their abstracts. The abstract can be emailed to lsevents@kristujayanti.com

Guidelines for Oral and Poster Presentation

Original research will only be considered for oral presentation. Students/Research Scholars Presenters for oral presentation must prepare a maximum of 12 slides. The presentation must contain a title slide, introduction, methodology, results, conclusion and/or future work, references and acknowledgements. Twelve minutes time will be given for their presentation (including 3 minutes of Q&A session). Presenters must avoid heavy textual content as well as provide the texts in short bullet points.

Original research and Review papers will be considered for poster presentation. Students/Research Scholars/Presenters for poster presentation must prepare a poster of 3.5 ft x 3.5 ft size. The poster must have a Title, Introduction, Methodology, Results, Conclusion and/or Future work, References and Acknowledgements, if applicable.

Guidelines for Full Paper Submission

Selected papers will be considered for publication in 'International Journal of Advancements in Life Sciences Research (IJALSR)' (Scopus-indexed journal, Online ISSN No. 2581-4877). The submitted manuscripts can also be published in the 'Kristu Jayanti Journal of Core and Applied Biology (KJCAB)' (e-ISSN No. 2583-6110), an in-house journal of the Department of Life Sciences, Kristu Jayanti (Deemed to be University). Authors should refer to the respective journal's website for specific full-paper submission guidelines. All final decisions regarding acceptance rest entirely with the editorial board of the respective journal.

Accommodation

Request for paid accommodation to be done by the participants latest by January 26th, 2027. No TA/DA will be provided.

Conference Webpage

For more updates, please visit the conference webpage:
<https://www.kristujayanti.edu.in/FTRLs/>

KRISTU JAYANTI UNIVERSITY



Central Campus



Airport Road Campus

Important Dates:

Last Date for abstract submission: **10th December, 2026**

Notification of abstract acceptance: **18th December, 2026**

Registration deadline: **5th January, 2027**