



VALUE ADDED COURSE ON

TRANSLATIONAL BIOTECHNOLOGY: FROM DISCOVERIES TO APPLICATIONS



17 SEPTEMBER 2026 – 09 OCTOBER 2026



DEPT. OF BIOTECHNOLOGY

Organized by

Department of Biotechnology

University of Calicut, Thenhipalam, Malappuram-673635

RESOURCE PERSONS AND EXPERT SESSIONS



Dr. Rajeev K Sukumaran
Chief Scientist, Biosciences
& Bioengineering Division
(BBD)
CSIR-NIIST,
Thiruvananthapuram

17 September 2026
3:30 – 5:30 PM

INAUGURAL TALK - OFFLINE

Technical Challenges in Taking Biotech Products to Market- Traversing the Valley of Death Between Lab to Commercial Manufacturing



Dr. Shabeesh Balan
Scientist D, Center for
Interdisciplinary Brain
Sciences, IMHANS,
Kozhikode

18 September 2026
3:30 – 5:30 PM

OFFLINE

Translational Neurogenetics: Understanding the Molecular Pathogenesis of Psychiatric Disorders



Dr. Harikrishnan V S
Scientist G & Scientist-in-
Charge, Division of
Laboratory Animal
Science, SCTIMST,
Thiruvananthapuram.

22 September 2026
3:30 – 5:30 PM

ONLINE

Animal Models in Biomedical Research - Basic concepts and applications



Dr. Smitha V B
Professor, School of
Biosciences, M G
University, Kottayam

23 September 2026
3:30 – 5:30 PM

ONLINE

Targeting Cancer Signaling: From Bioactive Discovery to Translational Therapeutics



Dr. Sona Charles
Scientist
(Bioinformatics), ICAR-
IISR, Calicut

24 September 2026
3:30 – 5:30 PM

OFFLINE

Bioinformatics: From Samples to Bytes



Dr. Leny Jose
Scientist E-I, Rajiv Gandhi
Centre for Biotechnology,
Trivandrum

25 September 2026
3:30 – 5:30 PM

OFFLINE

Protein degraders: From Molecules to Therapy



Dr. Bhavya Balan Chandrika
Assistant Professor,
Department of Biotechnology,
CUSAT

28 September 2026
3:30 – 5:30 PM

ONLINE

From Discovery to Cure: Mapping the Translational Biotechnology Pathways in Cancer Drug Development



Dr. Shilpa O
Assistant Professor G-I,
Department of
Environmental Health &
Toxicology, NUCSER

29 September 2026
11:30 AM– 01:30 PM

OFFLINE

From Fly to Human -Drosophila as a Platform for Translational Biotechnology



Dr. Jerome A
Senior Scientist, Animal
Physiology and
Reproduction Division,
ICAR-Central Institute for
Research on Buffaloes,
Hisar, Haryana

30 September 2026
3:30 – 5:30 PM

ONLINE

Frontiers Areas of Reproductive Biotechnology In Animals



Dr. Sulaiman C T
Senior Scientist,
Phytochemistry Division
Centre for Medicinal Plants
Research
Arya Vaidya Sala,
Kottakkal

01 October 2026
10:30 AM– 12:30 PM

OFFLINE

Advanced Phytochemical Techniques for Drug Development

RESOURCE PERSONS AND EXPERT SESSIONS



Dr. Janani Tamilvanan
Director, Institute of
Nutrigenetics
Founder and
Nutrigenetics Specialist,
Geneobe Wellness, India

05 October 2026
3:30 – 5:30 PM

ONLINE

Innovations in Translational Nutrigenetics



Dr. P. Vijayagopal
Principal Scientist (Retd),
Former Scientist-in-
Charge, Marine
Biotechnology Division,
ICAR-CMFRI, Kochi

06 October 2026
3:30 – 5:30 PM

ONLINE

**Food and Feed Biotransformation Technologies in
Aquatic Animals**



Dr. T. Selvankumar
Professor, Biomaterials
Research Unit,
Department of General
Medicine, Saveetha
Medical College &
Hospital, SIMATS,
Thandalam, Chennai.

07 October 2026
3:30 – 5:30 PM

ONLINE

**Microbial Technology in Health Care and
Pharmaceutical Sector**



Dr. Megha K B
Assistant Professor,
Centre of Excellence in
Stem Cell Research
Division of Biotechnology
Karunya Institute of
Technology and Sciences,
Coimbatore

08 October 2026
3:30 – 5:30 PM

ONLINE

**Translating Biomaterials Research into Biomedical
Solutions**



Dr. Dhanesh
Mandamkulathil
Manager-R&D Reagents,
Agappe Diagnostics Pvt
Ltd.

09 October 2026
3:30 – 5:30 PM

ONLINE

**Molecular Diagnostics: Current and Future
Perspectives in Disease Management**