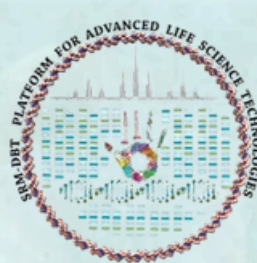




SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)



Decoding the Gut Microbiome: Experimental Tools and Analytical Techniques

DHR-ICMR & TNSCST

Sponsored Five-Day National Workshop

Organized by

Department of Biotechnology, Faculty of Science and Humanities, SRM IST, KTR.

In Association with

SRM-DBT Platform for Advanced Life Sciences Technologies.

09 - 13, February 2026

ABOUT THE WORKSHOP

The five-day workshop is designed to provide participants with hands-on experience and theoretical insights into experimental and analytical techniques used in gut microbiome research. Attendees will gain practical training in animal handling, metagenomic and transcriptomic analysis, molecular techniques, and bioinformatics approaches for microbiome data analysis.



HIGHLIGHTS OF THE WORKSHOP

Day 1: Animal handling (Rat, Mice, & Zebrafish), Gut extraction & preservation.

Day 2: Metagenomic DNA & RNA isolation & QC of samples.

Day 3: cDNA Synthesis and Real-time PCR.

Day 4: Library preparation & next-generation sequencing.

Day 5: Gut microbiome data analysis & functional-pathway prediction.

Registration fee details

| | |
|---------------------------------------|------------|
| Post Graduates | – Rs. 2500 |
| Research Scholars | – Rs. 3000 |
| Scientists and Faculty Members | – Rs. 3500 |
| Healthcare and Industry Professionals | – Rs. 4000 |

Important dates

Registration starts: 2nd January, 2026
Registration closes: 2nd February, 2026

Number of seats available is 25 and therefore selection will be based on merit and first-come first-serve basis.



SRM

INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)



GUEST SPEAKERS

Dr. Joseph Selvin

Professor,
School of Life Sciences,
Pondicherry University, Pondicherry.

Dr. Velmurugan

Scientist, Chemomicrobiomics
Laboratory, Kovai Medical College and
Hospital Research Foundation,
Coimbatore.

Dr. Ragavendran

Assistant Professor (Research), NFCMR-
Centre for Ocean Research, Sathyabama
Institute of Science and Technology,
Chennai.

Dr. Parani Madasamy

Professor and Chairperson, School of
Bio Engineering and DBT Platform for
Advanced Life Science Technologies.
SRMIST, KTR.

Dr. P. Ganesan

Senior Scientist,
CSIR-Central Leather Research
Institute, Chennai.

Dr. Shankar Manoharan

Associate Professor,
Indian Institute of Technology,
Jodhpur.

Dr. V. Naveen Kumar

Founder & Managing Director,
ImmuGenix Biosciences Pvt Ltd,
Chennai.

Dr. Margaret Salomi G

Veterinary Officer,
SRM Institute of Science and
Technology, KTR.

Dr. M. Muniaraj

Scientist E,
ICMR -Vector Control Research Centre
Field Unit, Madurai.

Dr. Thirugnanasampatham

Assistant Professor (Research),
NFCMR-Centre for Ocean Research,
Sathyabama Institute of Science and
Technology, Chennai.

Mr. Anup Chugani

Senior Project Manager,
Revvity Omics Laboratory,
Chennai.

Ms. Ranjani M

Senior Scientific Officer, SRM-DBT
Platform for Advanced Life Science
Technologies, SRMIST, KTR.

PATRONS-IN-CHIEF

Dr. T.R. Paarivendhar,

Founder Chancellor, SRMIST

Dr. Ravi Pachamuthu,

Pro-Chancellor, Admin, SRMIST

Dr. P. Sathyanarayanan,

Pro-Chancellor, Academics,
SRMIST

Dr. R. Shivakumar,

Vice - President, SRMIST

PATRONS

Dr. C. Muthamizchelvan,

Vice Chancellor, SRMIST

Dr. A. Vinay Kumar,

Pro- Vice-Chancellor SBL, SRMIST

Dr. S. Ponnusamy,

Registrar, SRMIST

Dr. T. Mythili,

Additional Registrar, SRMIST

Dr. A. Duraisamy,

Dean, FSH, SRMIST

Dr. S. Albert Antony Raj,

Deputy Dean, CS-FSH SRMIST

For queries, contact :

Dr. S. Meenakshi: +91 9677807436

Dr.D. Senbagam: +91 9443286292

U. Prakash: +91 8525976744

R. Karthikeyan: +91 9150447014

E-mail:

microbiomeworkshopsrmist@gmail.com

ORGANIZING SECRETARIES

Dr. S. Meenakshi

Assistant Professor

Dr. D. Senbagam

Assistant Professor

ORGANIZING COMMITTEE

Dr. D. Sankari

Professor

Dr. A. Jesu Arockia Raj

Professor

Dr. S. Vijaya Bharathi

Asst. Prof. & Head

Dr. V. G. Vidhya

Assistant Professor

Dr. D. Thirumurugan

Assistant Professor

Dr. B. Infant Santhos

Assistant Professor

Dr. G. Swamynathan

Assistant Professor

Dr. N. Prasanth Bhatt

Assistant Professor

Dr. S. Thanigaivel

Assistant Professor

Dr. P. Parthiban

Assistant Professor

Dr. S. Samuel Jousha

Assistant Professor

Dr. Pavan Kumar Dara

Assistant Professor

Dr. Raja Ganesan

Assistant Professor

Dr. A. Pon Ezhil

Assistant Professor

Bhuvani

Assistant Professor

Dr. T. Natarajan

Assistant Professor

Dr. M. Suganthi

Assistant Professor

Dr. V. Vishwanathan

Assistant Professor

Dr. Aurosikha Das

Assistant Professor

Department of Biotechnology, Faculty of Science and Humanities, SRM IST, Kattankulathur.

REGISTRATION

Link for registration:

Click here



Payment Details

| | |
|-------------|------------------------|
| Bank Name | City Union Bank |
| Beneficiary | SRMIST - FSHKTR EVENTS |
| A/C No. | 500101013732378 |
| IFSC Code | CIUB0000117 |
| Branch Name | Tambaram |