

4-Day Wet-Lab to Dry-Lab Workshop on Microbial Identification by Sanger Sequencing

From Pure Culture to Confirmed Species

September 7 - September 10, 2026



ABOUT THE WORKSHOP

Master the complete microbial identification workflow in just four days. Gain hands-on experience in both wet-lab techniques and bioinformatics, from DNA extraction, PCR, and Sanger sequencing to chromatogram quality assessment, sequence assembly, NCBI BLAST, multiple sequence alignment, and phylogenetic analysis. Learn to confidently identify microbial species and interpret sequencing results with real-world data.

WHAT YOU'LL LEARN

- Genomic DNA extraction, quality assessment, and PCR amplification
- Sanger sequencing workflow and capillary electrophoresis fundamentals
- Analysis of real .ab1 chromatogram files and sequence quality assessment
- Sequence trimming, consensus assembly, and troubleshooting sequencing data
- Microbial species identification using NCBI BLAST
- Multiple sequence alignment and phylogenetic tree construction
- Interpretation of sequencing results for accurate microbial identification

MACHINES & TOOLS USED

- Veriti™ system
- Applied Biosystems 3500 Genetic Analyzer
- NCBI BLAST

BLAST



**SCAN
THE QR
CODE TO
REGISTER**



Or Click here
to register:
<https://forms.genexplore.com/isPxrBmqbVqCqUsz6>

WHO SHOULD ATTEND

- Undergrad, postgrad & PhD students.
- Life sciences researchers and faculty.
- Lab and industry experts.
- Microbiology, biotech, molecular biology & genomics enthusiasts.
- Anyone seeking practical experience in Sanger sequencing.

WHAT MAKES THIS WORKSHOP UNIQUE

- ✓ Complete both wet-lab and dry-lab training
- ✓ Dual certification from both Genexplore and OmicsLogic.
- ✓ Flexible options: attend **wet-lab + dry-lab** or **dry-lab only**.
- ✓ 30-day post-workshop technical and bioinformatics support included for dry lab part.
- ✓ Beginner-friendly with no prior experience required.
- ✓ Limited to 10 wet-lab seats for personalized attention.
- ✓ Includes access to bioinformatics online courses, recordings, and practice exercises beyond the 4 days.

WORKSHOP REGISTRATION PROCESS

OPTION I & II: WET-LAB + DRY-LAB (10 Seats only)

Academic Fees

- INR: Rs. 4500/- *Rs. 3500/-
- USD: 75-USD *60 USD

Industry Fees

- INR Rs. 5500/- *Rs. 4500/-
- USD: 100-USD *75 USD

OPTION II: DRY-LAB

Academic Fees

- INR: Rs. 3500/- *Rs. 3000/-
- USD: 50-USD *45 USD

Industry Fees

- INR Rs. 4500/- *Rs. 3500/-
- USD: 60-USD *50 USD

***Discounted price for early registrations applicable only till August 22, 2026**

Last Date Of Registrations -

1. Wet Lab+Dry Lab: September 1, 2026
2. Dry Lab Only: September 4, 2026

- Registrations will close as soon as seats are filled in case of wet-dry lab (Option I & II)
- **Note: The fee is non-refundable!**
- **Note: For your own bacterial culture, Rs. 2000.00 extra. One isolate per participant.**
- Includes: Workshop kit, lunch provided Days 1-2 for wet-lab participants,
- Dual certification - Genexplore & OmicsLogic
- Not Included: Travel and accommodation



Registration & Contact

Registration and payment links are provided in the Registration Form
Genexplore: academic@genexplore.co.in | +91 6352938171 (9.00 am to 6.00 pm)
OmicsLogic: support@omicslogic.com, communication@omicslogic.com

Wet-lab Location: Genexplore Diagnostics and Research Centre Pvt. Ltd.
1201-1210, 12th Floor, Iconic Shyamal, Shyamal Cross Road, Satellite,
Ahmedabad-380015, Gujarat, India; www.genexplore.co.in
Dry-lab Location: Online