

Intermediate Training Program (IP4)

Practical Training: Genotyping

Cost: AED 7,000
(VAT is not included in the above price)

Duration	5 Days
Format	Lecture + Hands-On Laboratory Training
Target Group	Individuals seeking to upskill their knowledge through up-to-date medical training programs. Open to licensed healthcare professionals and individuals holding a minimum of a bachelor's degree in a healthcare-related field.
Location	FSG Lab – Meeting Room FSG Molecular Laboratory
Certificate	Certificate of Completion

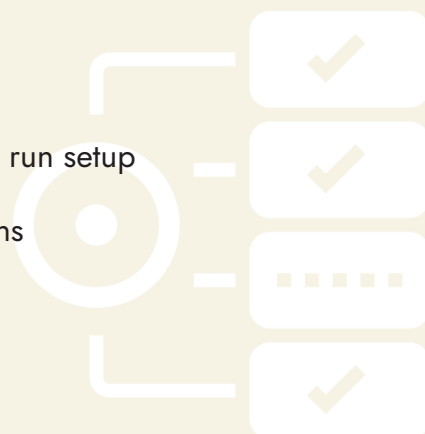
Program Overview

This 5-day hands-on training provides hands-on training in sequencing technologies, focusing on sample preparation, library construction, quality control, and instrument setup. Participants will receive expert instruction in both Sanger and NGS platforms, building confidence in molecular diagnostics through real-time lab exposure.

Program Objectives

By the end of the training, participants will:

- ✓ Perform sequencing-related workflows, from extraction to instrument run setup
- ✓ Differentiate between Sanger and NGS technologies and applications
- ✓ Troubleshoot common lab errors and optimize protocols
- ✓ Apply quality control and sample integrity checks effectively
- ✓ Document lab activities according to regulatory standards



Training Summary

- Introduction to Sequencing & Platform Overview
- Sample Preparation, QC & Library Preparation
- Sanger Sequencing Protocols & Run Setup
- NGS System Handling, Maintenance & Troubleshooting
- Evaluation, Feedback, and Certificate Distribution



Why Train with Us?

- Delivered in partnership with Eppendorf, a global leader in life science lab technologies
- Conducted in a GMP-certified facility
- Access to advanced equipment
- Real lab setting + simulated experience = best of both worlds
- Personalized supervision by licensed technologists and research trainers
- Structured to meet university-accredited elective training requirements



Application & Registration Workflow

1

Submit Training Inquiry

Via www.fsg-lab.com or email

2

Receive Eligibility Confirmation

With slot availability and instructions

3

Prepare & Submit Full Application

- DHA License Copy, if available (front & back)
- Passport copy or Emirates ID (front & back)
- Passport-size photo (white background)
- CV/resume

4

Application Review & Confirmation

FSG will confirm acceptance and finalize schedule

5

Receive Invoice & Settle Fee

Via bank transfer or approved method

6

Receive Pre-Training Instructions

Including schedule, dress code, and lab rules

7

Begin Training

With original passport/EID and student ID

8

Complete Training & Receive Certificate

Upon successful attendance and conduct

Terms & Conditions

Once a training slot is confirmed and invoiced, the fee becomes non-refundable. Attendance, punctuality, and adherence to lab conduct and dress code are mandatory. FSG reserves the right to modify training schedules or venues with prior notice.

CONTACT US!

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Scan the QR code below to submit your inquiry or view upcoming schedules

www.fsg-lab.com

[@](#) [in](#) [▶](#) [firststemcellandgenomics](https://www.youtube.com/channel/UCv8v8v8v8v8v8v8v8v8v8v8)

