

Intermediate Training Program (IP5)

Practical Training: Basic Bioinformatics

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 course offers an intensive introduction to bioinformatics for healthcare professionals involved in molecular diagnostics and genomic analysis. The training provides foundational knowledge and laboratory-based exercises to build proficiency in bioinformatics databases, sequencing metrics, primer design, and pathogenicity analysis.

Program Objectives

By the end of the training, participants will:

- ✓ Navigate basic bioinformatics databases and sequence tools
- ✓ Perform primer design, NGS metrics analysis, and QC interpretation
- ✓ Apply scoring systems for pathogenicity and mutation analysis
- ✓ Interpret sequencing results using bioinformatics software
- ✓ Understand regulatory standards for data documentation and reporting



Training Summary

- Bioinformatics Principles, Tools & Databases
- Primer Design, QC Metrics, and Variant Scoring
- Laboratory Demonstrations on Data Interpretation & Software Use
- Sanger/NGS QC and Pathogenicity Assessment
- Final 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)

