

**Graduate Professionals (Intermediate Practical Training)**

**Intermediate Training Program (IP5)**

**Practical Training: Basic Bioinformatics**

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

**tabby tamara**

<b>Duration</b>	5 Days
<b>Format</b>	Lecture + Hands-On Laboratory Training
<b>Target Group</b>	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.
<b>Location</b>	FSG Lab – Meeting Room   FSG Molecular Laboratory
<b>Certificate</b>	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](http://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](http://www.fsg-lab.com)

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