

## Intermediate Training Program (IE1)

### Experience Equivalency Program: Stem Cell and Genomics Techniques

**Cost: AED 16,499***(VAT is not included in the above price)*






<b>Duration</b>	As per DataFlow Requirement
<b>Format</b>	Lecture + Hands-On Laboratory Training
<b>Target Group</b>	Newly Graduate Allied Health Professional
<b>Location</b>	FSG Lab – Meeting Room   FSG Molecular Laboratory   FSG Cord Blood Laboratory   Eppendorf Customer Experience Center
<b>Certificate</b>	Certificate of Completion (Eligible for use in DataFlow credentialing and DHA Licensing)

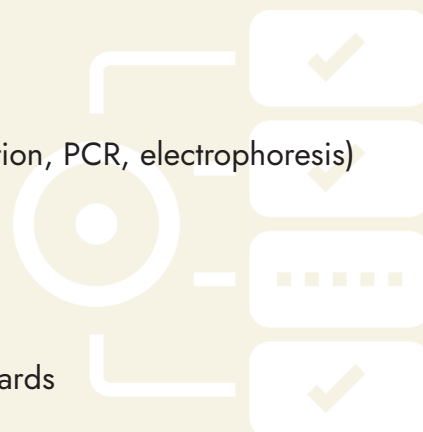
### Program Overview

This immersive training (duration based on DataFlow requirement) is open to all medical technologists and allied health professionals, particularly those seeking to specialize in stem cell and genomics laboratory techniques. It is designed to provide newly graduated professionals with practical, real-world laboratory experience that meets DataFlow and DHA trainee licensing criteria. It bridges academic knowledge with applied technical training in stem cell and molecular genomics techniques, including DNA extraction, PCR, gel electrophoresis, sequencing, QA/QC systems, and regulatory documentation.

### Program Objectives

By the end of the training, participants will:

-  Demonstrate proficiency in molecular biology workflows (NA extraction, PCR, electrophoresis)
-  Execute cord blood collection, processing, and mock kit setup
-  Perform sequencing protocols and troubleshoot data quality
-  Apply safety protocols, QA systems, documentation, and SOP standards
-  Understand the regulatory, ethical, and documentation framework for laboratory operations



### Modules & Topics Covered

- ✓ **Module 1:** Molecular Biology & Nucleic Acid Extraction
- ✓ **Module 2:** PCR and Gel Electrophoresis
- ✓ **Module 3:** Sequencing and Bioinformatics
- ✓ **Module 4:** Cord Blood Handling and Collection
- ✓ **Module 5:** Mock Collections & Kit Management
- ✓ **Module 6:** Cold Chain & Transport Documentation
- ✓ **Module 7:** Laboratory Documentation, QA & Ethics
- ✓ **Module 8:** Sample-to-Sequencer Techniques
- ✓ **Module 9:** Run Monitoring & QC Dashboard



- ✓ **Module 10:** Variant Calling & Troubleshooting
- ✓ **Module 11:** Advanced Sequencing Optimization
- ✓ **Module 12:** Final Assessment, Debrief & Exit

## Application & Registration Workflow

## Submit Training Inquiry & Eligibility Review

Fill out the inquiry form on [www.fsg-lab.com](http://www.fsg-lab.com) or email us. FSG will review your CV and academic background. If eligible, you will receive a confirmation and next-step instructions.

## DHA Account Setup & Self-Assessment

Create or log in to your DHA Sheryan account. Use the Self-Assessment Tool and select "Trainee." If marked ineligible, submit additional documents for manual eligibility review.

## Initiate DataFlow Verification (PSV)

Start your Primary Source Verification through DataFlow using your degree and other relevant credentials. Monitor your DHA account until the PSV status turns green and is linked.

## Complete "Get Registered" Application

Begin the DHA trainee registration process. Fill all required sections, upload documents, agree to the terms, and submit the declaration. Once all sections are marked complete, review the form and pay the DHA fee.

## Submit DHA Certificate & Pay FSG Fee

After approval, download your DHA trainee certificate. Submit this to FSG along with proof of payment for the training fee.

## Accept FSG Invitation & License Activation

Log in to the DHA portal to accept FSG's invitation. FSG will then activate your license on the DHA system.

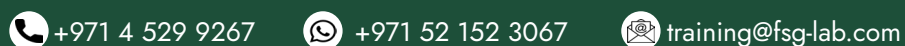
## Start Training

Once your e-license is issued, report to FSG on your confirmed start date to begin training.

## 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!



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

[www.fsg-lab.com](http://www.fsg-lab.com)

