

Postgraduate Students

Advanced Training Program (AP1)

**Postgraduate Certificate Program:
Stem Cell and Genomics Techniques**

**Cost: 12,599 (3 Months)
15,599* (6 Months)**

(VAT is not included in the above price)

tabby tamara





Duration	As per university requirement (3 or 6 Months) <i>*Note: Reference duration is up to 6 months and may vary depending on university requirements. Fees apply to the stated duration; any variation will be quoted separately.</i>
Format	Lecture + Hands-On Laboratory Training
Target Group	Postgraduate students enrolled in Master’s programs, postgraduate diplomas, or research tracks in clinical or biomedical sciences
Location	FSG Lab – Meeting Room FSG Molecular Laboratory FSG Cord Blood Laboratory Eppendorf Customer Experience Center
Certificate	Certificate of Completion (for postgraduate academic recognition)

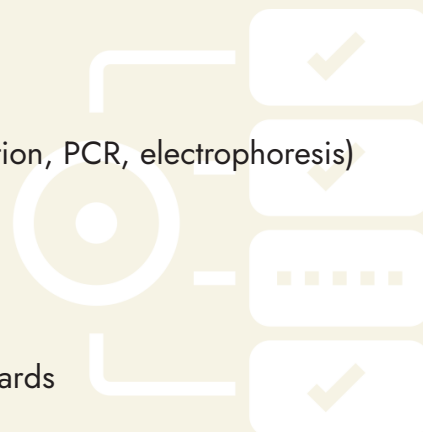
Program Overview

A high-level academic training designed for postgraduate students specializing in stem cell and molecular genomics. This program bridges theoretical knowledge with applied techniques in genomics, diagnostics, quality systems, and research.

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

1

Submit Training Inquiry & Eligibility Review

Complete the inquiry form at www.fsg-lab.com or email training@fsg-lab.com. Submit your CV and proof of postgraduate enrollment for initial screening.

2

Prepare & Submit Documents

Upload your full application as a PDF. This includes:

- **University Endorsement Letter:** On official letterhead, signed/stamped. Must state: full name, program, purpose of training, required hours, preferred dates, and scope.
- **Additional Documents:** Passport copy, passport-size photo, student ID, CV/resume.

3

Create/Log In to DHA Sheryan & Self-Assessment

Access your DHA account and complete the Self-Assessment Tool as a "Trainee." If marked ineligible, request eligibility review with supporting documents.

4

Initiate & Monitor DataFlow PSV

Begin the Primary Source Verification (PSV) for your academic credentials. Monitor until it links to your DHA profile (green status).

5

Complete "Get Registered" Application & Pay DHA Fee

Fill in all DHA trainee application sections, upload documents, submit declaration, and pay the DHA application fee.

6

Receive DHA Trainee Certificate & Confirm with FSG

Download the certificate, email it to FSG, and settle your training fee.

7

Accept FSG Invitation & Activate License

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

8

Receive E-License & Start Training

Download your trainee e-license and begin your training with orientation instructions and valid ID.

9

Complete Training & Receive Certificate

After successful attendance and assessment, you will be issued your Certificate of Completion.

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

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