

Workshop

PROTEIN PURIFICATION

using **AKTA™ SYSTEMS**

BRING YOUR OWN SAMPLE*

Solve your purification challenge with expert guidance!



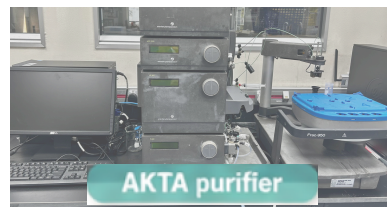
5 – 9
OCTOBER 2026



9:00 AM – 5:00 PM



MALAYSIA GENOME
AND VACCINE INSTITUTE
(MGVI)



Workshop on recombinant protein / compound purification using AKTA Systems:

AKTA Avant

AKTA Pure

AKTA Go

AKTA Purifier

AKTA Prime

WHO SHOULD ATTEND?



Academic
Researchers



Biotechnology &
Pharmaceutical
Scientists



Research
Officers



Postgraduate
Students



Lecturers &
Educators



Protein Scientists
& Bioprocess
Professionals

Participants will be given **hands on experience** using all the AKTA systems in MGVI – compare.

Purification techniques we will touch on:

- ✓ Affinity Chromatography
- ✓ Ion Exchange Chromatography – Anion & Cation
- ✓ Size Exclusion using Gel Filtration Chromatography



REGISTRATION PACKAGES

PACKAGE A: DRY WORKSHOP

Seminar only



RM50 – no limit seats,
online access provided.

PACKAGE B: WET-LAB

Participants can

BRING YOUR OWN SAMPLE*
and solve your purification problem!
RM1,800

(Limited seat – 12 participants only)



Pre-discussion on
samples & buffers
prior to workshop



Hands-on
purification of
your own sample



Expert
troubleshooting
& optimization



Eligible for full
package protein
purification service

*Package B (Wet-Lab) participants only.

LIMITED SEATS – 12 PARTICIPANTS ONLY!

* Samples must be safe to handle and comply with MGVI guidelines.

Compare system capabilities, applications and workflows to choose the best solution for your research.

Talks will be given by chromatography experts in MGVI:



**Dr. Nazahiyah
Ahmad Rodzli**



ION EXCHANGE CHROMATOGRAPHY

• Anion Exchange • Cation Exchange
Separate based on charge for maximum purity.



**Dr. Ummirul
Mukminin Kahar**



AFFINITY CHROMATOGRAPHY

Capture and purify your target with high specificity.



Dr. Anuar Jonet



SIZE EXCLUSION CHROMATOGRAPHY (GEL FILTRATION)

Ideal for polishing and aggregate removal.



**Pn. Siti Khamisah
binti Saijan**



SDS-PAGE & WESTERN BLOTTING

Analyze and validate your protein with confidence.

SECURE YOUR SPOT TODAY!

Scan QR code to register



**FOR INQUIRIES
PLEASE CONTACT:**

1. Pn. Siti Khamisah binti Saijan
✉ khamisah@nibm.my

2. NIBM
✉ bdc@nibm.my

3. MGVI
✉ stic@nibm.my

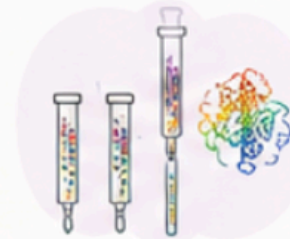
AGENDA



MONDAY

Dry Workshop: Introduction on Chromatography Techniques

- Ion Exchange Chromatography
- Affinity Chromatography
- Gel Filtration
- SDS-PAGE and Western Blotting
- Introduction to AKTA Systems



TUESDAY

Hands-on Day 1

- Affinity Chromatography
- Discussion



WEDNESDAY

Hands-on Day 2

- Ion Exchange Chromatography
- Discussion



THURSDAY

Hands-on Day 3

- Gel Filtration Chromatography
- Discussion



FRIDAY

Hands-on Day 4

- Round-table discussion and planning
- Closing Ceremony



LEARN • PRACTICE • SOLVE • EXCEL

MASTER PROTEIN PURIFICATION WITH AKTA SYSTEMS!