



Brain Research Institute Monash Sunway Technical Workshop Series 2017

HPLC/ELISA

Module 4: May 25th – 26th 2017

Module 8: Aug 24th – 25th 2017

9.00 am – 5.00 pm

Topics

- Extraction of proteins, peptides, and steroids from brain samples.
- Rough purification of proteins and peptides by using C-18 column.
- Fractionation by HPLC.
- Quantification by ELISA.



Main Facilitator
DR TAKAYOSHI
UBUKA

Introduction

The purpose of this workshop is to provide students and researchers in the field of biomedical sciences with fundamental biochemical techniques using high performance liquid chromatography (HPLC) and enzyme-linked immunosorbent assay (ELISA). Participants can learn basic extraction, fractionation, and quantification techniques through this workshop. The workshop consists of lectures addressing the key principles as well as practical sessions enabling participants to gain hands-on experience to learn the techniques. Students and early career researchers are the primary audiences but experienced researchers who are not familiar with HPLC and ELISA can also learn new techniques that will be useful for their on-going research projects.

Who Should Attend?

- Master/Ph.D. Students, Scientists
- Research Assistants, Technical Officers
- Academic Staff

Hands-on Lab Session

- Extraction of proteins, peptides, and steroids.
- Rough purification of proteins and peptides.
- Fractionation by HPLC.
- Quantification by ELISA.

Methodology

Hand-on session 70%
Lecture 20%
Discussion 10%

Course Objectives

- Provide basic extraction, rough purification, fractionation, and quantification techniques using HPLC and ELISA.

Registration Fee

RM1800 per person (n/p: RM 2000)

RM 900 per student (n/p: RM 1000)

Click [HERE](#) to register online and enjoy 10% off for each module.

- The fees cover course materials, refreshments for tea breaks and lunch.
- Participants are requested to bring a clean lab coat.
- Certificate of Attendance will be awarded.

Organised By: Prof Ishwar S. Parhar

Director of BRIMS

Monash University Malaysia

Technical Enquires

Dr. Takayoshi Ubuka

Email: takayoshi.ubuka@monash.edu

Direct Line: 03-5514 6374

Registration/Other Enquiries

Ms. Nicola Ng

Email: nicola.ng@monash.edu

Direct Line: 03-5514 6372



Brain Research Institute Monash Sunway Technical Workshop Series 2017

Mode of payment

Telegraphic Transfer or Direct Deposit

Account Name: MONASH UNIVERSITY MALAYSIA SDN BHD

Name of the Bank: Public Bank Berhad (Branch Bandar Sunway)

Account No: 3074129605

Address of the Bank:

No 48 & 50, Jalan PJS 11/28A

Bandar Sunway

47500 Petaling Jaya , Selangor

Swift Code: PBBEMYKL

*Please email payment slip to nicola.ng@monash.edu

Other payment related information

- Participation will be confirmed upon receipt of payments.
- The organiser reserves the right to refrain a registered participant from taking part in the event if no proof of payment can be presented. This applies only to registered participants who have not paid the registration fee prior to the event date.

Cancellation/Substitution

- A full refund will be made for all written cancellations received 2 months prior to commencement of workshop.
- 50% refund will be made for all written cancellations received 1 month prior to commencement of workshop.
- No refunds for any cancellations made 2 weeks prior to commencement of workshop.
- A substitute can be arranged as replacement 1 week prior to commencement of workshop. Written notice of this substitution by the University is however required.

Disclaimer

The organiser reserves the right to reschedule or cancel any part of its published program or venue due to unforeseen circumstances and will not accept liability for costs incurred by participants or their organisation for the cancellation of travel arrangement and/or accommodation reservations as a result of the course being cancelled or postponed. Advance notice will be given if there is such a change or cancellation