



Brain Research Institute Monash Sunway Technical Workshop Series 2017

Gene Editing and Detection

Module 5: Aug 2nd – 3rd 2017

9.00 am – 5.00 pm

Topics

- Gene manipulation
- Real-time PCR
- Data Analysis



Main Facilitator
DR. SHOGO
MORIYA

Introduction

Gene manipulation is one of the powerful methods to analyze gene functions. The gene manipulation enables to modify gene expression permanently and transiently, and a variety of methodologies are applicable to analyze effects of gene manipulation. Especially, molecular biological methodologies are frequently applied to investigate the effect of gene manipulation. However, improper results are produced because many important points of experiment are overlooked.

In this workshop, we will discuss principle of gene manipulation, and analysis of effect of gene manipulation. We will further discuss and demonstrate real-time PCR as one of the molecular biological techniques.

Who Should Attend?

- Academic members
- Non-Academic members - Research Assistants, Technical Officers, Master/PhD Students, Young Scientist, Veterinarians

Hands-on Lab Session

- Gene transfection
- RNA isolation and real-time PCR
- Data analysis

Methodology

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

Course Objectives

- Practice of laboratory animal care and handling in SPF animal facility
- To understand the method and analysis of rodent behavior related cognitive functions

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

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Registration/Other Enquiries

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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