

BRIMS Technical Workshop Series 2019

***Registration is extended until 18 Sept 2019**

Venue: BRIMS, Level 3, Building 3
Monash University Malaysia
Date: 8 – 11 Oct 2019 & 14 – 16 Oct 2019
Time: 9am – 5pm

Main Organiser:

Professor Ishwar Parhar
BRIMS Director and Head of Neuroscience

Module 1:

**In vivo Monitoring For Brain Cancer
Research: Xenografting & Bio-Luminescence
Imaging**

Duration: 2 days

***Registration Closing Date: 18 Sept 2019**

Module 2:

**iPS & Zebrafish – CRISPR/Cas9 &
Targeted Genome Editing**

Duration: 2 days

***Registration Closing Date: 18 Sept 2019**

Module 3:

**Automated Molecular Biology: Advanced
Tool For Molecular Characterisation**

Duration: 2 days

***Registration Closing Date: 18 Sept 2019**

Registration Fee* Per Module:

RM 1200 per person

RM 900 per student

For Monash community, please contact the email below for special Monash rate.

**Fees include certificate, course materials and refreshments*

Three (3) intensive modules comprising of lectures and practical sessions conducted by a team of dynamic and accomplished scientists. **Special technical lectures session will be scheduled on the 8th Oct 2019 for all modules.**

Who should attend: academic members, research assistants, technical officers, postgraduate students, young scientists

**Early bird registration
by 1 July 2019**

[Click here](#) to register online and enjoy an early bird promotion* of 10% off for each module latest by **[1 JULY 2019](#)**.

*Terms and Conditions apply.

For more information

Email: MuhamadNoor.Alfarizal@monash.edu

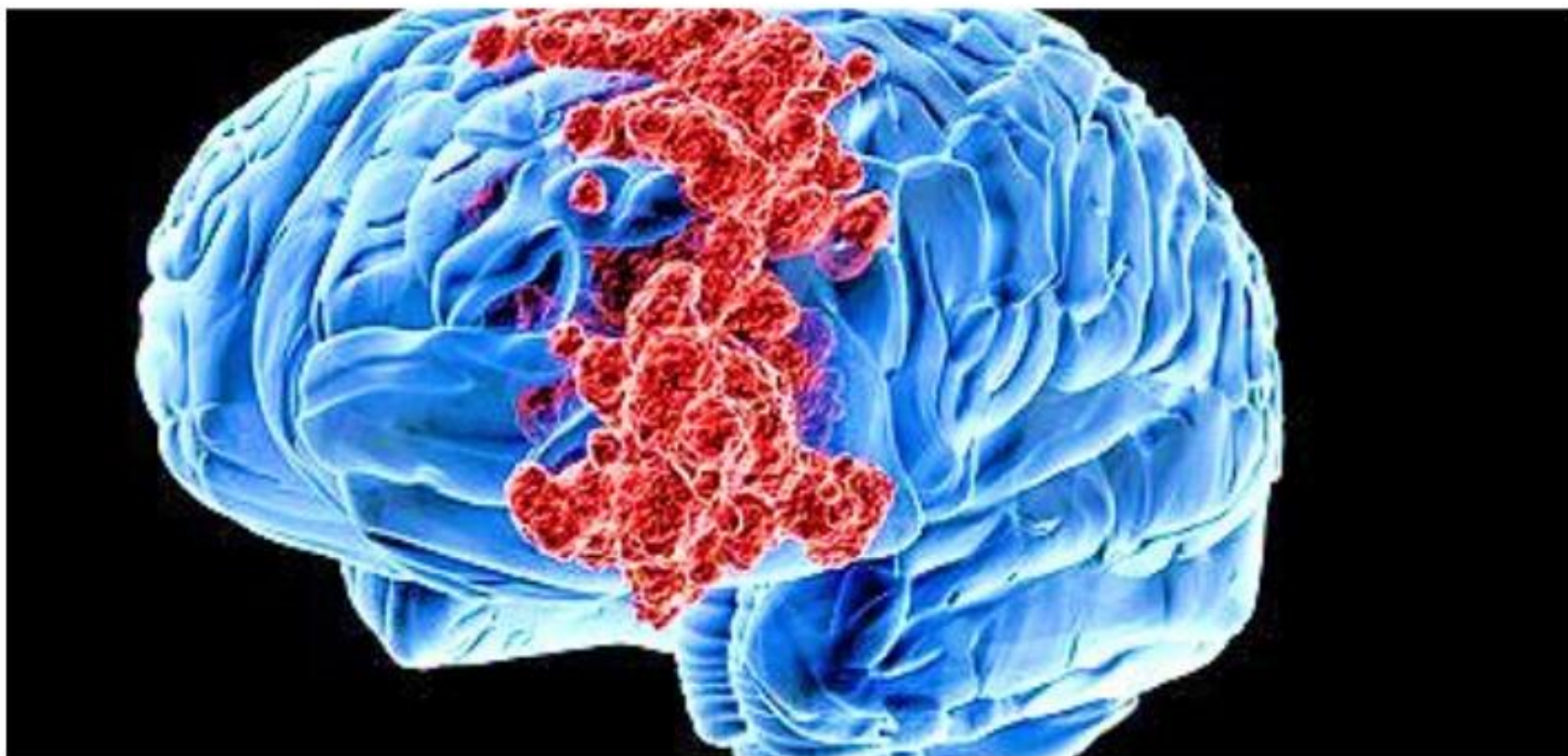
Visit: monash.edu.my/jcsmhs/research/brims

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 as a result. Advance notice will be given if there is such a change or cancellation.



IN VIVO MONITORING OF BRAIN CANCER:

XENOGRAFTING & BIO-LUMINESCENCE IMAGING



RM 1200/ person, RM 900/ student

**For Monash Community, Please Contact The Organiser For Special Rate*

2-DAYS COURSE CONTENT

Animal Handling & Care

Xenografting, including
intracerebroventricular injection
using stereotaxic instrument

Behaviour study

* Open field test, forced swimming
test, elevated plus maze

Bio-luminescence Imaging (Perkin Elmer)

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Emphasizing the key points in
animal model in the field of
oncology

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Monash University Malaysia is a joint venture

Jeffrey Cheah
Foundation



MONASH
University

RM 1200/person, RM 900/student

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8 -16 OCTOBER 2019

IPSC & ZEBRAFISH

**CRISPR/CAS9 & TARGETED GENOME
EDITING**



**LECTURE SERIES BY
FIELD EXPERTS**



Lonza



**DEMO SESSION BY
SKILLED PERSONNEL**

KNOW THE CORRECT TECHNIQUES

An overview of **Nucleofector Technology** and explore what benefits it can bring to your stem cell research over traditional electroporation methods.



**MICROINJECTION
HANDS-ON**

USING A ZEBRAFISH MODEL

The most popular and effective method to introduce DNA, RNA, and proteins into fertilized zebrafish eggs.

2-DAYS COURSE CONTENT:

CRISPR/Cas9 techniques *in vivo* and *in vitro* model

- Identify and design optimal CRISPR/Cas9 targets and guide RNA sequencing
- iPSC nucleo-transfection (*in vitro*) /zebrafish microinjection (*in vivo*) ***hands-on session**
- Analysis of genome editing outcomes by sequencing
- Generation of gene knockouts, and validation of knockouts *in vivo* and *in vitro*

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Lonza

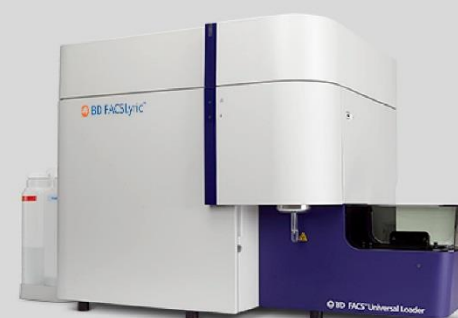
NextGene

Apical
Your Research is Our Business

AUTOMATED MOLECULAR BIOLOGY

8-16 OCT.2019
9AM - 5PM
BRIMS,
MONASH
UNIVERSITY

We invite you to
participate in this
technical workshop
full of innovative
and updated
technology in
molecular biology



Advanced Tool For Molecular Characterisation

2-DAYS COURSE CONTENT:

- Flow Cytometry: Advancing Life Sciences Research with Flow Cytometry
- RNAscope®: Biomarker Analysis by RNA IN SITU Hybridization
- ELLA: Your Next-Generation ELISA
- JESS: Simplify your Westerns with JESS
- MILO: Single-Cell Westerns: meet MILO™

TECHNICAL LECTURE BY FIELD EXPERTS
DEMO SESSION BY APPLICATION SPECIALIST
HANDS-ON SESSION



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RM 900/student

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