

BRIMS Technical Workshop Series 2018

Venue: BRIMS, Level 3, Building 3
Monash University Malaysia

Time: 9.00am – 5.00pm

Registration Fee* Per Module:

RM 1800 per person

RM 1200 per student

Early Bird Registration by 15 May 2018

Main Organiser:

Professor Ishwar Parhar

BRIMS Director and Head of Neuroscience

**Fees include certificate, course material and refreshments*

JUN 2018

Registration Deadline:
15 May

Module 1:
**Molecular histology
and imaging**

JUN 25th – 27th

Module 2:
HPLC and ELISA

JUN 28th – 29th

OCT 2018

Registration Deadline:
24 Aug

Module 3:
HPLC and ELISA

OCT 2nd – 3rd

Module 4:
**Advanced iPS Cell
Technology**

OCT 24th – 26th

Module 5:
**Molecular histology
and imaging**

OCT 29th – 31st

Nov 2018

Registration Deadline:
13 Aug

Module 6:
**Animal Care and
Behaviour Study**

NOV 14th – 15th

Six (6) intensive modules comprising of lectures and practical sessions conducted by a team of dynamic and accomplished scientists.

Who should attend: Academic members, Research Assistants, Technical Officers, Postgraduate students, Young Scientists

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.

[Click here](#) to register online and enjoy an **early bird promotion*** of 10% off for each module latest by **15 May 2018**.

*Terms and Conditions apply.

For more information

Email: nicola.ng@monash.edu

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

Monash University Malaysia is a joint venture

Workshop Program

Modules 1 & 5: Molecular histology and Imaging

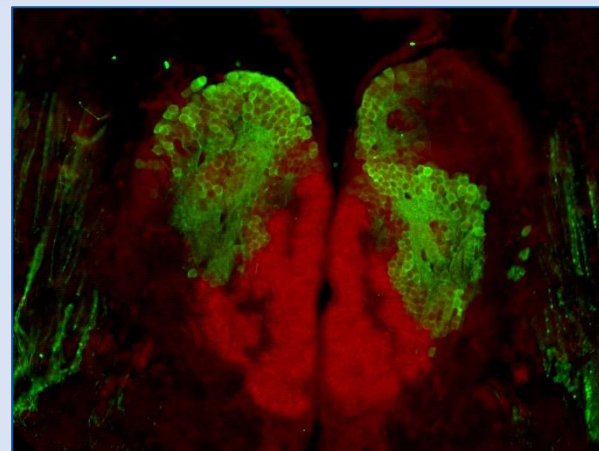
JUN 25th – 27th / OCT 29th – 31st 2018


Main Facilitator: Dr Satoshi Ogawa

Email: satoshi.ogawa@monash.edu

Main content:

- Immunohisto/cytochemistry
- In situ hybridisation
- Laser confocal microscopy
- Image data analysis



New content added 

Modules 2 & 3: HPLC and ELISA

JUN 28th – 29th / OCT 2nd – 3rd 2018

Main Facilitator: Dr Takayoshi Ubuka

Email: takayoshi.ubuka@monash.edu

Main content:

- Extraction of proteins, peptides, and steroids
- Rough purification of proteins and peptides
- Fractionation by HPLC
- Applications of ELISA
- Critical factors in selecting suitable ELISA kit
- Multiplex beads based technology for multiple protein detection

Module 4: Advanced iPS Cell

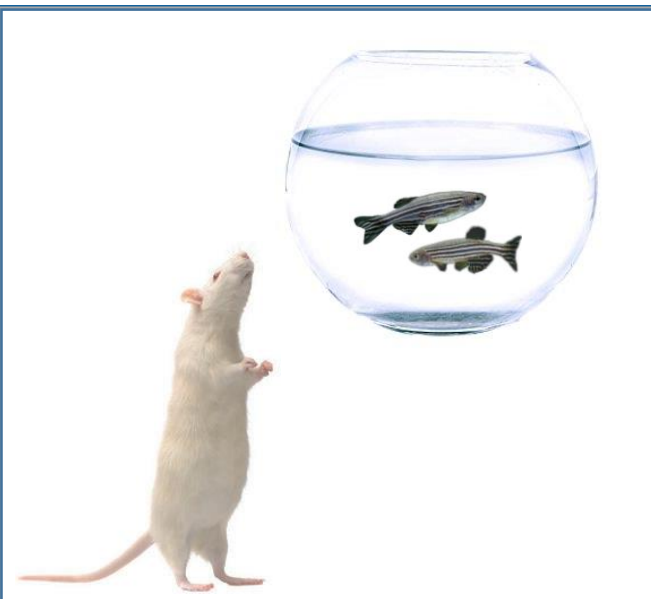
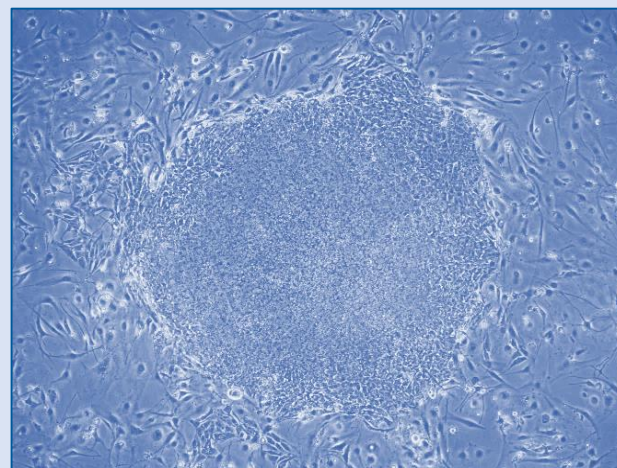
OCT 24th – 26th 2018

Main Facilitator: A/Prof Tomoko Soga

Email: tomoko.soga@monash.edu

Main Content:

- Basic cell culture techniques for human iPS cells
- Identification and isolation of emergent iPS cells
- Differentiation of iPSCs into neuronal & glial cells
- Characterization of differentiated iPSCs via immunostaining and quantitative PCR
- Genome editing by CRISPR/cas9 in human iPS cells



Module 6: Animal Care and Behaviour Study

NOV 14th – 15th 2018

Main Facilitator: A/Prof Tomoko Soga

Email: tomoko.soga@monash.edu

Main content:

- Zebrafish Embryo Microinjection
- Zebrafish and Rodent Anaesthesia, Blood Collection and Dissection
- Behavioural Analysis of Zebrafish and Rodents (Anxiety, Depression, Social behaviour, Learning/Memory)