



BRIMS Technical Workshop Series 2018

Venue: BRIMS, Level 3, Building 3
Monash University Malaysia
Time: 9.00am – 5.00pm

Main Organiser:
Professor Ishwar Parhar
BRIMS Director and Head of Neuroscience

Registration Fee* Per Module:
RM 1800 per person
RM 1200 per student

**Fees include certificate, course material and refreshments*

monash.edu.my/jcsmhs/research/brims

JUN 2018

Early bird Registration : by 30 Apr

Module 1:
Animal Care and Behaviour Study
JUN 26th – 27th

Module 2:
HPLC and ELISA
JUN 28th – 29th

Module 3:
Molecular histology and imaging
JUN 27th – 29th

OCT 2018

Early bird Registration : by 30 Aug

Module 4:
HPLC and ELISA
OCT 2nd – 3rd

Module 5:
Advanced iPS Cell Technology
OCT 24th – 26th

Module 6:
Molecular histology and imaging
OCT 29th – 31st

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.

*Terms and Conditions apply.

For more information

Email: nicola.ng@monash.edu

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

Workshop Program

Module 1: Animal Care and Behaviour Study

JUN 26th – 27th 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)



Modules 2 & 4: 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
- Quantification by ELISA

Module 5: Advanced iPS Cell

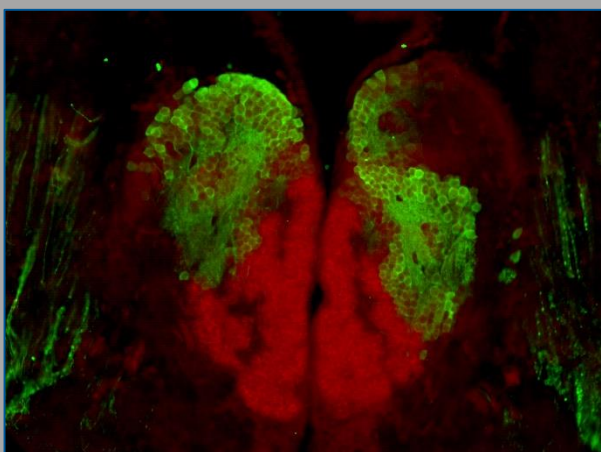
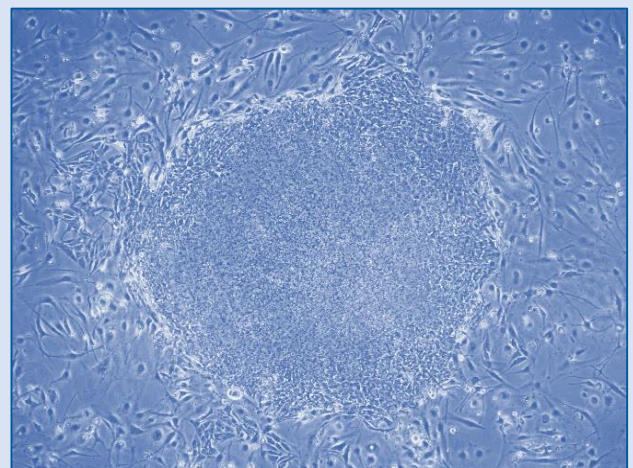
OCT 24th – 26th 2018

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



Modules 3 & 6: Molecular histology and Imaging

JUN 27th – 29th / 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