REPORT

APSN-ISN Neuroscience School 2016
Selangor, Malaysia
22 -26th August 2016

Basic Techniques in In Vitro Neural Differentiation From Stem Cells.

FACULTY OF MEDICINE AND HEALTH SCIENCES,
UNIVERSITI PUTRA MALAYSIA

PREPARED BY
THILAKAVATHY KARUPPIAH
CHAIR, LOCAL ORGANISNG COMMITTEE

Theme of School: Basic Techniques in *In Vitro* Neural Differentiation From Stem Cells.

Date : 22-26, August 2016 (Monday to Friday)

Venue : Faculty of Medicine and Health Sciences (FHMS), Universiti Putra Malaysia (UPM), 43400 UPM SERDANG, Selangor, Malaysia.

Host: Faculty of Medicine and Health Sciences (Department of Biomedical Sciences, Department of Anatomy, and Genetics and Regenerative Medicine Research Centre) Universiti Putra Malaysia and Malaysia Society of Neuroscience

Local Organising Committee Members:

Patron	: Professor Dr. Abdul Jalil Nordin
	Dean of Faculty of Medicine and Health Sciences
Advisors	: Professor Dr. Amin Ismail
	Deputy Dean (Graduates and Network Society)
	Assoc. Prof. Dr. Latifah Saiful Yazan
	Head of Department of Biomedical Science
Chairperson	: Assoc. Prof. Dr. Thilakavathy Karuppiah
Vice Chairperson	: Dr. Cheah Pike See
Finance	: Dr. Michael Ling King Hwa
Secretariat	: Dr. Melati Khalid (Head)
	: Assoc. Prof. Dr. Abdah Md. Akim (Head)
	: Dr. Nur Fariesha Md Hashim
	: Ms. Hazlen Saleh
	: Ms. Farizan Malek
	: Ms. Nurhayati Zainal Abidin
	: Ms. Hasnijah Alias @ Yaakub
Scientific Module	: Dr. Norshariza Nordin (Stem Cells Module Head)
	: Dr. Michael Ling King Hwa (Molecular Module Head)
	: Dr. Enoch Kumar Perimal
	: Ms. Nurul Munirah Manan
Logistics	: Mr. Izarul Hakim Rahmad
	: Mr. Saiful Azhar Mohamed Yusof
ITAV	: Mr. Mohd Rizan Md. Taib
	: Mr. Syed Izaharudden Syed Isa
	: Mr. Mohd Fadzlee Mohd Noh
	: Mr. Norazli Che Kob
Accommodation	: Dr. Mok Pooi-Ling
and Transport	: Mr. Andry Sophian Adris
Photography	: Mr. Ahmad Fua'ad Alwi
Reception	: Ms. Salimah Said
	Ms. Puspaleela Kaliappan
Social Programme	: Dr. Manraj Singh Cheema
	: Mr. Norazli Che Kob

Overview

It is indeed an honour to UPM to be given an opportunity to organise this significant international basic neuroscience related school. The school was funded by International Society for Neurochemistry and FHMS unconditionally supported the school by providing facilities and staffs to ensure the success of APSN-ISN Neuroscience School 2016. The school also made a smooth sailing because of the support from companies such as Eppendorf, Biodiagnostics, BioRad, Biomarketing, Research Instruments and Elsevier.

Participants

The school participants were selected by the LOC and School Organising Committee. Twenty students were selected from 44 applicants. Nine participants were selected from Malaysia institutes, where two of the participants were Nigeria nationality. Eleven participants were selected from Asian Pacific regions, which includes India, Pakistan, Philippines, Sri Lanka and Thailand. Apart from the awardees, three participants joined the school as paid participants.

NO	Name	Country	Institution
1	Anuradha Sharma	India	Guru Nanak Dev University Amritsar
2	Neetu Kushwah	India	Defence Institute Of Physiology And Allied Sciences
3	Sahabuddin Ahmed	India	National Institute Of Pharmaceutical Education And Research (Niper) - Guwahati
4	Santhanasabapthy Rajasekaran	India	University Of Madras
5	Assoc. Prof. Dr. Farahnaz (Non Awardee)	Malaysia	UCSI University
6	B Saatheeyavaane Pillai	Malaysia	Monash University Malaysia
7	Eryse Amira Mohamed Seth	Malaysia	Universiti Putra Malaysia
8	Khairunnisa Ramli	Malaysia	Universiti Kebangsaan Malaysia
9	Lim Chai Ling	Malaysia	Universiti Putra Malaysia
10	Norazzila Omar	Malaysia	Universiti Kebangsaan Malaysia
11	Tan Yong Hui (Non Awardee)	Malaysia	UCSI University
12	Thenmoly K Damodaran (Non Awardee)	Malaysia	Universiti Sains Malaysia
13	Tiong Yee Lian	Malaysia	International Medical University
14	Umar Ahmad	Malaysia	Universiti Putra Malaysia
15	Wasiu Gbolahan Balogun	Malaysia	Universiti Sains Malaysia
16	Wong Chee Ern David	Malaysia	Universiti Malaya
17	Farina Hanif	Pakistan	The Aga Khan University
18	Oliver John Villanueva Belleza	Philippines	University Of The Philippines
19	Dileepa Nalaka Bandara Wijekoon	Sri Lanka	University Of Sri Jayewardenepura
20	Nadeeka Udawatte	Sri Lanka	University Of Sri Jayewardenepura
21	Kamonrapat Sompub	Thailand	Mahidol University
22	Nattaporn Pakpian	Thailand	Mahidol University
23	Tanawan Leeboonngam	Thailand	Srinakharinwirot University

Accommodation and Transportation

The students and speakers for overseas invited lectures were accommodated in RHR Hotel which is located in Universiti Tenaga Nasional and about 3.8km away from FHMS. FHMS provided bus and MPV transportations to pick up and drop the students and the speakers, respectively, from the hotel and FHMS and vice versa.

RHR Hotel

UPM bus service

Programme Overview

Sunday, August 21st, 2016: 11:00 AM - 15:00 PM registration & Hotel check-in		
Day 1 : Monday, August 22nd, 2016		
Time	**Agenda**	**Venue**
7:30-8:00	Registration	*Lecture Hall 6 (DK6)*
8:00-9:00	a) Opening ceremony (Dean, FMHS, UPM) b) Photo-taking	*Lecture Hall 6 (DK6)*
9:00-10:00	***Invited lecture 1:*** Cord lining-derived stem cells as a novel source for neural transplantation in Parkinson's disease *Assoc. Prof. Lim Kah Leong (NNI, Singapore)*	*Lecture Hall 6 (DK6)*
10:00-10:15	Tea break	*Tutorial Room 18 & 19*
10:15-10:45	***Tech-talk 1:*** *Growing stem cells in a dish* *Dr. Norshariza Nordin*	*MGL Seminar Room*
10:45-12:45	***Hands-on session 1 (HO-01):*** Stem cell culture	Stem Cell Research Laboratory (SCRL)
12:45-13:15	Group discussion	*MGL Seminar Room*
13:15-14:00	Lunch	*Tutorial Room 18 & 19*
14:00-14:30	***Tech-talk 2:*** *Good RNA integrity number for transcriptomic analysis* *Dr. Michael Ling King Hwa*	MPG 5 & 6
14:30-16:30	***Hands-on session 2 (HO-02):*** RNA extraction and QC analysis	MPG 5 & 6
16:30-17:00	Group discussion	MPG 5 & 6
17:00-17:30	Break	*Tutorial Room 18 & 19*
17:30-18:30	***Invited lecture 2:*** Stem cell therapy in stroke and Amyotrophic Lateral Sclerosis	*Lecture Hall 6 (DK6)*

	Prof. Shinn-Zhong Lin (Tzu Chi University, Taiwan)	
19:00-20:00	Dinner & back to hotel	*Tutorial Room 18 & 19*
Day 2 : Tuesday, August 23rd, 2016		
9 :00-10 :00	***Invited lecture 3:*** *The journey of a neurone* *Dr. Enoch Kumar Perimal (UPM, Malaysia)*	*Lecture Hall 6 (DK6)*
10:00-10:15	Tea break	*Tutorial Room 18 & 19*
10:15-10:45	***Tech-talk 3:*** *Generating neurones in a dish* *Dr. Norshariza Nordin*	*MGL Seminar Room*
10:45-12:45	***Hands-on session 3 (HO-03):*** *Neural differentiation assay*	SCRL & MGL
12:45-13:15	Group discussion	*MGL Seminar Room*
13:15-14:00	Lunch	*Tutorial Room 18 & 19*
14:00-14:30	***Tech-talk 4:*** *Essentials in RT-qPCR* *By Ms. Weng Poh Ling (Roche Diagnostics (M) Sdn Bhd)*	*MPG 5 & 6*
14:30-16:30	***Hands-on session 4 (HO-04):*** Real-Time Quantitative PCR analysis of Oct4, Sox1, Tuj1 and GFAP gene expression level using LightCycler® 480 instrument	*MPG 5 & 6*
16:30-17:00	Group discussion	*MPG 5 & 6*
17:00-17:30	Break	*Tutorial Room 18 & 19*
17:30-18:30	***Invited lecture 4:*** *Functional neuroanatomy and histogenesis* *Dr. Cheah Pike See (UPM, Malaysia)*	*Lecture Hall 6(DK6)*
18:30-20:00	Dinner & back to hotel	*Tutorial Room 18 & 19*
Day 3 : Wednesday, August 24th, 2016		
9 :00-10 :00	***Invited lecture 5:*** *Imaging modality in neuroscience research* *Dr. Li Foong* (Riken, Japan)	*Lecture Hall 6(DK6)*
10:00-10:15	Tea break	*Tutorial Room 18 & 19*
10:15-10:45	***Tech-talk 5:*** *Zooming into the cellular and subcellular compartments of neurone* *Dr. Wael Mohamed (IIUM, Malaysia)*	*MPG 5 & 6*
10:45-12:45	***Hands-on session 5 (HO-05):*** *Immunocytochemistry analysis of stem cell-derived neurones*	*MPG 5 & 6*
12:45-13:15	Group discussion	*MPG 5 & 6*
13:15-14 :00	Lunch	*Tutorial Room 18 & 19*
14:00-14:30	***Tech-talk 6:*** *Inverted fluorescent microscopy* *By Ms. Jessica Chong (Histocentre (M) Sdn Bhd)*	*MGL Seminar Room*
14:30-16:30	***Hands-on session 6a (HO-06a):*** *Fluorescence Microscopy*	*SCRL*

16:30-16:45	Break	*Tutorial Room 18 & 19*
16:45-18:45	***Hands-on session 6b (HO-6b):*** *Measurement of dendrites* *Dr. Wael Mohamed (IIUM, Malaysia)*	*Computer Lab 2*
18:45-20:00	Dinner & back to hotel	*Tutorial Room 18 & 19*
Day 4 : Thursday, August 25th, 2016		
9 :00-10 :00	***Invited lecture 6:*** *The brain proteome* *Dr. Tomoko Soga (Monash University, Malaysia)*	*Lecture Hall 6 (DK6)*
10:00-10:15	Tea break	*Tutorial Room 18 & 19*
10:15-10:45	***Tech-talk 7:*** *Beyond the transcriptome: Look into the proteome* *Dr. Manraj Singh Cheema*	*MPG 5 & 6*
10:45-12:45	***Hands-on session 7 (HO-07):*** Cell lysate preparation and QC analysis and Western blot Analysis I	*MPG 5 & 6*
12:45-13:15	Group discussion	*MPG 5 & 6*
13:15-14:00	Lunch	*Tutorial Room 18 & 19*
14:00-14:30	***Tech-talk 8:*** *Essentials in Western Blotting: Do's and Don'ts; Data analysis: being modest and accurate* *Ms Peyton Yit (Bio Rad Laboratories, Singapore Pte Ltd)*	*MPG 5 & 6*
14:30-16:30	***Hands-on session 8 (HO-08):*** Western blot analysis II	*MPG 5 & 6*
16:30-17:00	Group discussion	*MPG 5 & 6*
17:00-17:30	Break	*Tutorial Room 18 & 19*
17:30-18:30	***Invited lecture 7:*** Enhanced adult neurogenesis in the cerebral cortex from white matter-associated neural stem cells. *Professor. Dr. Woong Sun (Korea University College of Medicine, South Korea)*	*Lecture Hall 6 (DK6)*
18 :30-20 :00	Dinner & back to hotel	*Tutorial Room 18 & 19*
Day 5 : Friday, August 26th, 2016		
9 :00-10 :00	***Invited lecture 8:*** Tight coordination of cell-cycle exit and neuronal differentiation in development and pathology *Associate Professor Dr. Ajioka Itsuki (Tokyo Medical and Dental University, Japan)*	*Lecture Hall 6 (DK6)*
10:00-10:15	Tea break	*Tutorial Room 18 & 19*

10:00-12 :00	***Poster presentations***	*Tutorial Room 15 & 16*
12:00-12:30	Industrial Talk by Research Instruments	*Tutorial Room 16*
12 :30-14.30	Lunch	*Tutorial Room 18 & 19*
14:30-16:00	***Showcase by company***	*MPG 5*
16:00-17:00	***Human Anatomy Museum Tour***	*Human Anatomy Museum*
17:00-18:00	Feedback	Computer Lab 2
18:00-22:00	Gala dinner & Closing ceremony & back to hotel	Foyer FMHS
Day 6 : Saturday, August 27th, 2016		
9:00-15:00	Check out from hotel Social programmes – KL City Tour	
15:00	Check-in to hotel -KL Overseas faculties and students prepare to participate APSN 2016 meeting.	

BEFORE THE PROGRAMME

The sub-committees started the preparation for the school soon after the selection of the participants. Ten postgraduate student facilitators were selected to help the module leaders with preparation of experiments and testing, and module binders.

Goodie bags

Programme book

Module binder

Committee members putting up banner

Meeting with facilitators

Setting up registration

DURING THE PROGRAMME

Day 1 : Monday, August 22nd, 2016

Opening Ceremony:

	
Registration	Welcoming speech by Dean of FMHS
	
Students introduction	Lecturers introduction

First row, right to left: Dr. Thila, Prof. Amin, Prof. Abdul Jalil, Prof. Lim Kah Leong, Dr. Latifah
Second row, right to left: Nalaka, Sahabuddin, Umar, Wasiu, Dr. Wael Mohamed, Farina, Dr. Michael
Third row, right to left: David, Nadeeka, Khairunisa, Oliver, Santhana, Thenmoly, Anuradha, Eryse, Norazila, Neetu, Sathayavanee
Fourth row, right to left: Kamonrapat, Nattaporn, Tanawan, Dr. Farahnaz, Lim Chai Ling, Tiong Yee Lian, Dr. Mok Pooi Ling,
Fifth row, right to left: Dr. Manraj, Dr. Fariesha, Dr. Cheah Pike See, Dr. Norshariza

Invited lecture 1: *Cord lining-derived stem cells as a novel source for neural transplantation in Parkinson's disease by Assoc. Prof. Lim Kah Leong*

Tech-talk 1: *Growing stem cells in a dish* by *Dr. Norshariza Nordin*


Hands-on session 1 (HO-01): *Stem cell culture*


Tech-talk 2: *Good RNA integrity number for transcriptomic analysis by Dr. Michael Ling King Hwa*

Invited lecture 2: Stem cell therapy in stroke and Amyotrophic Lateral Sclerosis by Prof. Shinn-Zhong Lin

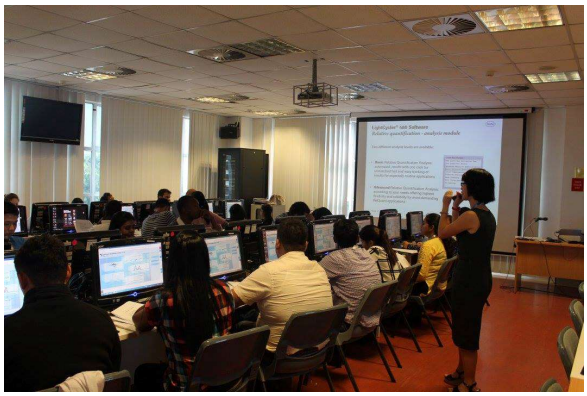
Day 2 : Tuesday, August 23rd, 2016

Invited lecture 3: *The journey of a neurone* by *Dr. Enoch Kumar Perimal*

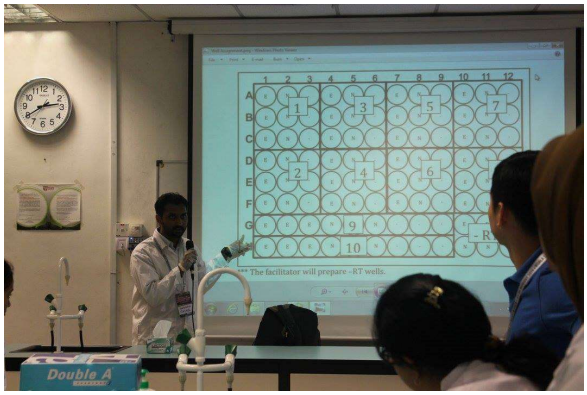
Tech-talk 3: *Generating neurones in a dish* by *Dr. Norshariza Nordin*

Hands-on session 3 (HO-03): *Neural differentiation assay*

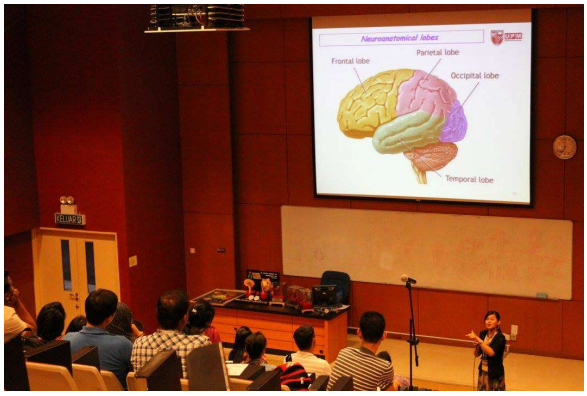
Tech-talk 4: *Essentials in RT-qPCR by Ms. Weng Poh Ling (Roche Diagnostics (M) Sdn Bhd)*




Hands-on session 4 (HO-04): *Real-Time Quantitative PCR analysis of Oct4, Sox1, Tuj1 and GFAP gene expression level using LightCycler® 480 instrument*

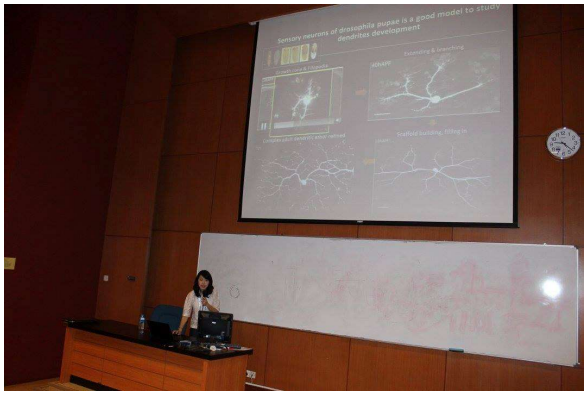


Invited lecture 4: *Functional neuroanatomy and histogenesis by Dr. Cheah Pike See*

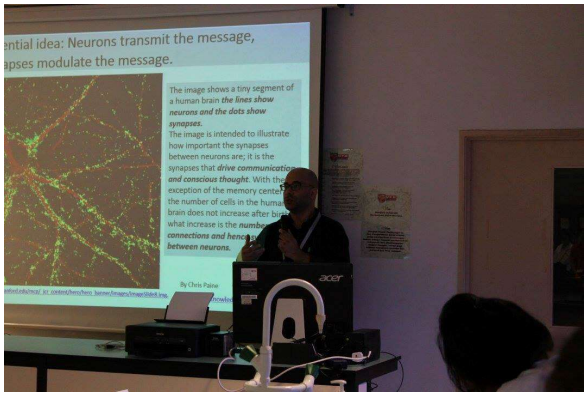


Day 3 : Wednesday, August 24th, 2016

Invited lecture 5: *Imaging modality in neuroscience research* by *Dr.Yoong Li Foong*




Tech-talk 5: *Zooming into the cellular and subcellular compartments of neurone by Dr. Wael Mohamed*

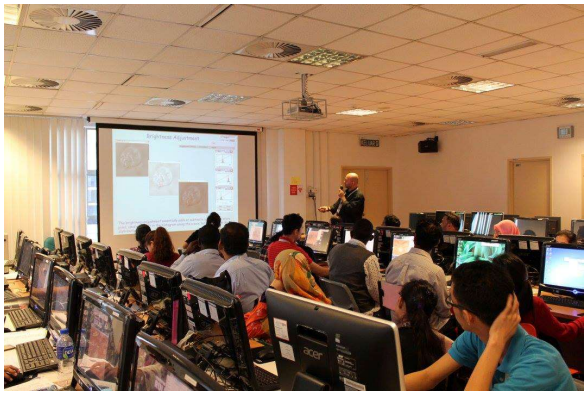


Hands-on session 5 (HO-05): *Immunocytochemistry analysis of stem cell-derived neurones*


Tech-talk 6: *Inverted fluorescent microscopy by Ms. Jessica Chong*

Hands-on session 6a (HO-06a): *Fluorescence Microscopy*

Hands-on session 6b (HO-6b): *Measurement of dendrites by Dr. Wael Mohamed*



Day 4 : Thursday, August 25th, 2016

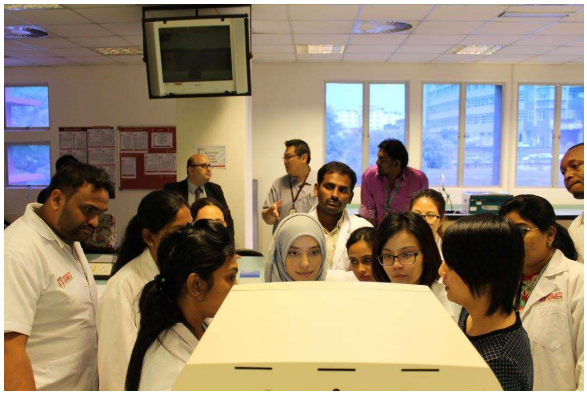
Invited lecture 6: *The brain proteome* by *Dr. Tomoko Soga*

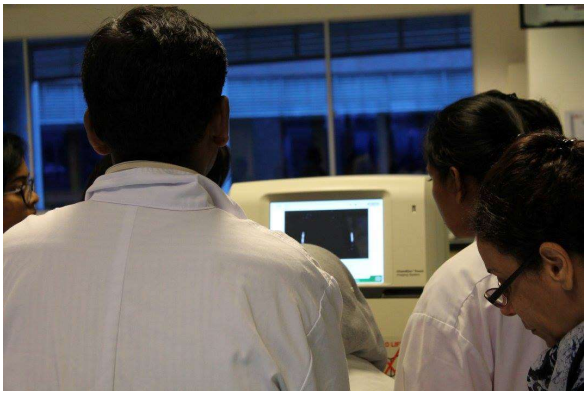
Tech-talk 7: *Beyond the transcriptome: Look into the proteome by Dr. Manraj Singh Cheema*

Hands-on session 7 (HO-07): *Cell lysate preparation and QC analysis and Western blot Analysis I*

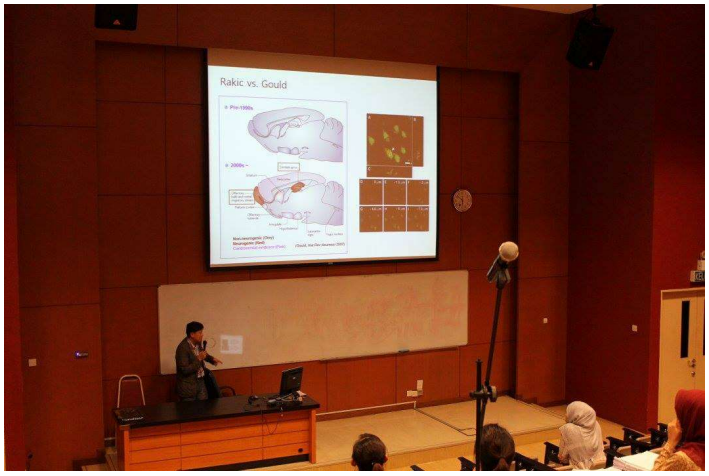
Tech-talk 8: *Essentials in Western Blotting: Do's and Don'ts; Data analysis: being modest and accurate by Ms Peyton Yit*

Hands-on session 8 (HO-08): *Western blot analysis II*



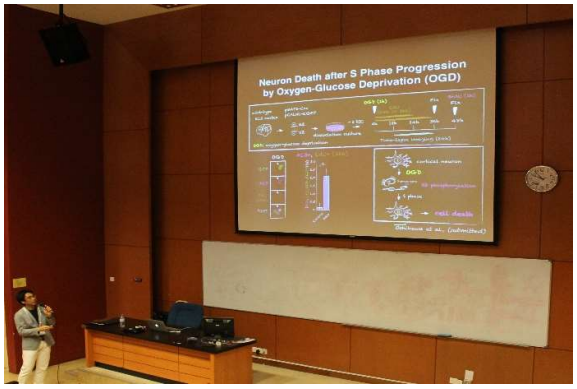


Invited lecture 7: *Enhanced adult neurogenesis in the cerebral cortex from white matter-associated neural stem cells by Professor. Dr. Woong Sun*



Day 5 : Friday, August 26th, 2016

Invited lecture 8: *Cell cycle and Biomaterial Engineeringfor Injured Brain Regeneration by Associate Professor Dr. Ajioka Itsuki*



Poster presentations

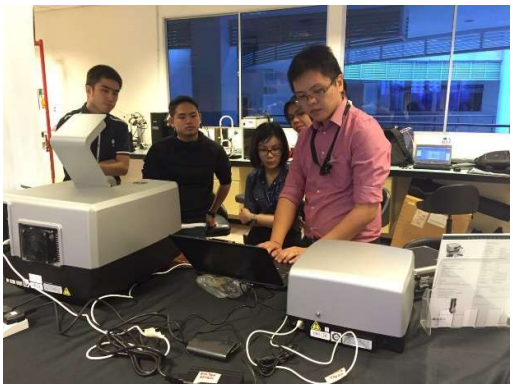
David explaining his work to fellow students

Poster presentation judges

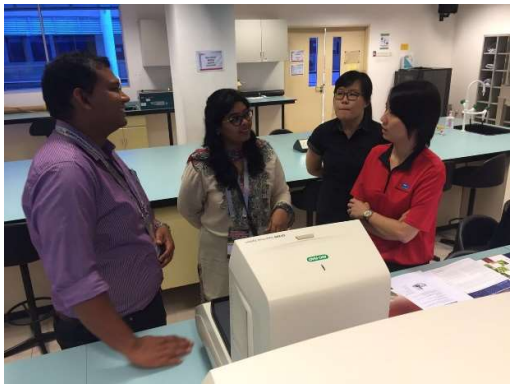
Industrial Talk by Research Instruments

Showcase by company

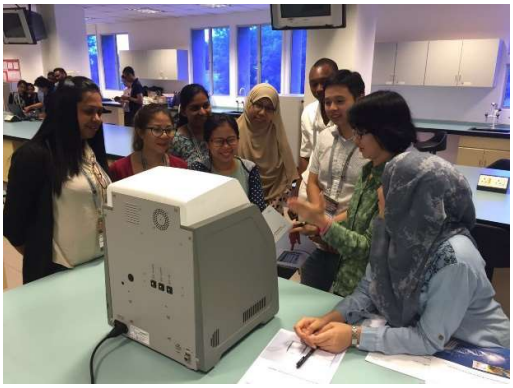
Eppendorf



Research Instruments



BioRad



Roche

Human Anatomy Museum Tour

Gala dinner & Closing ceremony

Santhana receiving attendance certificate from Prof. Latifah

Nalaka receiving top 5 poster presenter award from Prof. Woong Sun

Closing speech by Dr. Thila

Buffet style dinner

Sub-committee members

Nattaporn and Kamonrapat entertaining

A duet by Eryse and Oliver

Lecturers and students in dance mode

Social programmes – KL City Tour



AFTER PROGRAMME:

Holiday Inn Express Kuala Lumpur

At APSN 2016

Ready for performance

Final group picture with selection committee

EXPENSES FOR APSN-ISN NEUROSCIENCE SCHOOL 2016

Item	Details	Outlay (USD)
Travelling expenses for students	USD800/Asia-Pacific students x 10 USD400/local students x 10	6453.42
Travelling expenses for APSN	USD800 x 2 faculties (international)	1274.47
Travelling expenses for local speakers	USD0 x 4 local speakers	0.00
Accommodation	Students & Faculty: RHR Hotel	3268.42
Laboratory consumables	Stem Cell & Neural differentiation assay Transcriptomic and proteomics studies	14435.81
Secretarial & miscellaneous expenses	printing, postage, telephone, bunting, banner, Meeting package (bag, module binder, CD disk, pen, notebook, name tag, etc.	401.94
Lunch , dinner, morning and afternoon tea (students, faculties & facilitators)	5 days Farewell Dinner	2789.27
Technical expenses for facilitators	USD40/day/person x 5 days x 10	2697.37
Social event	Kuala Lumpur Guided Tour	421.05
	TOTAL	**31741.75 (B)**

INCOME FOR APSN-ISN NEUROSCIENCE SCHOOL 2016

Item	Details	Total (USD)
ISN	ISN SCHOOL	30,000.00
Sponsors	USD 650 x 3 paid registrants	1, 950.00
	Total	**31,950.00 (A)**

Net profit = (A) – (B) = (USD 31,950) - (USD 31,741.75) = **USD 208.25**

APSN-ISN Neuroscience School 2016

ASIAN-PACIFIC SOCIETY FOR NEUROCHEMISTRY

ISN International Society for Neurochemistry

UPM Universiti Putra Malaysia

Malaysian Society of Neurosciences
Persatuan Neurosains Malaysia

Certificate of Attendance

This is to certify that

Wong Chee Ern David

has attended

APSN-ISN Neuroscience School 2016

Jointly organised by

Asian-Pacific Society For Neurochemistry
International Society For Neurochemistry
Universiti Putra Malaysia
Malaysian Society of Neurosciences

22nd -26th August 2016

At

Faculty Of Medicine & Health Sciences
Universiti Putra Malaysia

Thilakathy

ASSOCIATE PROFESSOR DR. THILAKAVATHY KARUPPIAH
CHAIRMAN
APSN-ISN NEUROSCIENCE SCHOOL 2016

PROFESSOR DATO DR. ABDUL JALIL NORDIN
DEAN
FACULTY OF MEDICINE & HEALTH SCIENCES,
UNIVERSITY PUTRA MALAYSIA

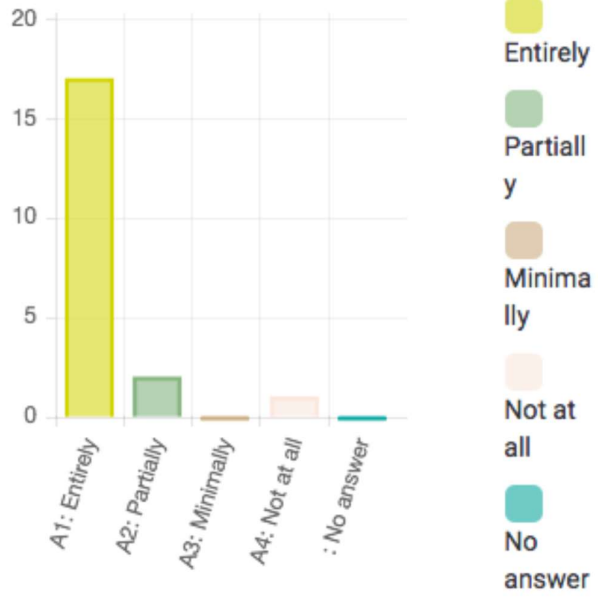
Feedback Survey Report Summary

At the end of the school, the students filled up the online survey form. For detailed survey answers please visit URL: http://apsn2016.org/survey/index.php/631952?lang=en

Field summary for Q11

In general, did the school meet your expectation?

Answer	Count	Percentage
Entirely (A1)	17	85.00%
Partially (A2)	2	10.00%
Minimally (A3)	0	0.00%
Not at all (A4)	1	5.00%
No answer	0	0.00%



Field summary for Q12

Please comment on your answer the previous question.

Answer	Count	Percentage
Answer Browse	20	100.00%
I enjoy the whole programme. In fact, I didn't expect such a nicely series of lectures and the huge volume of lecture notes provided but I have gotten them all in one week instead of 3 months (saying from my experience)		
It was very basic school but informative		
Measurements of dendrites should be done by neurolucida software		
As a beginner, i learnt important techniques applied in stem cell n molecular biology research.		
The school was very good for basic researchers like us to know what actually is a stem cell. We learn to culture it and also did the molecular biology part by taking out its rna, RTQPCR, western blotting for protein analysis, inflorecence microscopy. Visit to the anatomy laboratory was also a new experencise. Thanks to Dr. Michael, Dr. Paneer, and other faculty members of the UPM and all the other organiser and ofcource the facilitators for their wonderful work in making the school a grand sucrose. Last stay at hotel RHR was fantastic, with malaysian food server were excellent.. Always will fell Happy Happy to visit Malaysia whenever will get a chance in the future. Thank you.		
This school is greatly benefit to me. It is really useful and it widen really my eyes in different perspectives on neuroscience research. I wish to join another international school programs after this. Thank you very much.		
The school gave me more than my expectations.There're a lot of modules to learn and also practice, they make me understand the basic process of the method for neuroscience studying. Importantly, it makes me realize that i need more practicing and improve myself .		
The topics given by those speakers ESP invited speaker is so amazing. It is kinds of open my eye.		
I learn many things from this school, thanks to the organizers		
The modules were very well structured and facilitators and speakers were helpful. I've learnt so much and met amazing people doing great work in all aspects of neuroscience research. Just a tiny suggestion, maybe it would help if we started with a proper ice-breaking session in the beginning, rather than just introducing ourselves because it took us a while to warm up to each other. And by the time we did, the school was almost ending. Also, maybe it would be fun to switch groups everyday so we get to work with everyone? Other than that, everything was great! Thank you!		
This school is very good for me. I learned many skill, listen lecture from very good neuroscientist, and make a lot of friends.		
I am expecting more on specific type of neuron population differentiation and functional excessment.		
I have learned lots of new techniques during the school		
I would like to comment about the handson session for D		
-		
I benefited a lot.		
Learned laboratory techniques essential to neuroscience research. Trained in cellular and molecular experiments, gaining new knowledge in current neuroscience research straight from experts and meeting other young scientists in the field from different countries.		
I am not a pure neuroscientist but after this school i am now more confident and interested to pursue my future research in neurosciences.		
Looking forward workshop n tech talk on flow cytometry n more lecture on advanced techniques involved in neurochem n neuroscience eg in situ RNA detection.		
One of the best I've been to in my career. This was a well- planned, well-organized and well-performed workshop. The committee has outstanding teamwork skills. The location and facilities were suit the hands-on sessions. The activities including invited lectures, technical talk and hands-on sessions were well aligned which successfully have increased the participant's interest and learning. Dr Michael and, Dr Norshariza have an amazing wealth of knowledge and experience and an incredible willingness to share them. All facilitators were friendly and helpful. Not to forget Dr Pike See and Dr Thilak for your professional supports and beautiful smiles. Thank you all and well done.		
No answer	0	0.00%

Field summary for Q13 [Your most positive experience about the school.]

Please comment on each of the following statement.

Answer	Count	Percentage
Answer Browse	20	100.00%
hands on		
Hospitality		
Organizers were really supportive. Appreciate the efforts		
I get an opportunity to meet researcher from various field		
Positive experencise is that learn a lot of techniques during the entire school. Meet good lectures and professor to clear our doubt. Thanks everyone from the organiser to the facilitators for helping us and making our stay at Kuala Lumpur a memoriable one. q		
Hands on culturing embryonic stem cells, and quantitate the expression of neural cell-specific gene using qpcr assays		
Hand on session		
Topic given by those invited speakers		
culturing cells for the first time		
Well-structured module, meeting new people		
I feel very impress that every staffs work so hard to set up everthing for us.		
All the speaker, lecturers, and facilitators are very helpfull and providing many informative knowledge.		
Lecture by Dr. Pike see		
during handson, my most positive experiences.		
Warm welcome, good equipment and technique in stem cell and molecular methods, nice instructure		
hands on practical session		
Getting acquainted with everyone working in neuroscience research was greatly inspiring and educational.		
All students peovided equal chance for handson session		
The entire learning experience. Many thanks to all.		
Meeting new people and learning new things from them		
No answer	0	0.00%

Field summary for Q13 [Your most negative experience about the school.]

Please comment on each of the following statement.

Answer	Count	Percentage
Answer Browse	20	100.00%
None		
No one		
Could be some advance techniques		
No comment		
Hmm. No negative comments		
Hands on measurements of neurites using image J. The speaker did not really assist students during the hands-on.		
The room@RHR hotel		
N/A		
none		
Hectic and rushed schedule		
I don't like the ImageJ session, because the speaker speak not clear and very fast.		
The hotel services is really bad. The programme per is too long. Do not have enough time for Q and A station during the hands on and group discussion.		
Not applicable		
no		
Air condition in hotel		
nothing.		
The lack of drinking water readily available during dining sessions was a little problem but it was manageable.		
Nothing to mention		
Would prefer both lecture sessions scheduled at early in the morning as mind still fresh		
Nothing		
No answer	0	0.00%