

# PROGRAMME

Day 1 (2<sup>nd</sup> October 2017)

Bio-Imaging		
AM	08:30 - 09:00	Registration (Room 4-2-03)
	Scientific Session	
	09:00 - 09:15	<b>Opening Remarks (4-2-03)</b> Prof. Ishwar Parhar (BRIMS, Monash University Malaysia)
	09:15 - 10:15	<b>Special Lecture-1 (4-2-03)</b> <b>“Enhancer trapping and calcium imaging reveal functional neuronal circuitries essential for fish behaviors”</b> Prof. Koichi Kawakami (National Institute of Genetics, Japan)
	10:15 - 10:45	Morning Tea (4-2-03)
	10:45 - 11:45	<b>Special Lecture-2 (4-2-03)</b> <b>“Molecular Mechanism and Cellular Dynamics of Lens Fiber Differentiation”</b> A/Prof. Ichiro Masai (Okinawa Institute of Science and Technology, OIST, Japan)
PM	12:00 - 13:00	Lunch (poster presentation)
	Technical Session	
	13:00 - 13:30	<b>Technical Talk-3 (4-2-03)</b> Fuji Film Visual Sonics Inc
	13:30 - 14:00	<b>Technical Talk-4 (4-2-03)</b> Union Biometrica
	14:00 - 14:15	<b>Hands on session (4-2-03)</b> Briefing session
	14:15 - 17:30	<b>A: Microinjection of CRISPR/Morpholino (3-8-06)</b> Dr. Shogo Moriya (BRIMS, Monash University Malaysia) Ms. Kai We Ng (BRIMS, Monash University Malaysia)  <b>B: Xenograft implantation (3-8-06)</b> Dr. Pei Jean Tan (Cancer Research Malaysia) Ms. Mei Fong Ng (Cancer Research Malaysia)

## Day 2 (3<sup>rd</sup> October 2017)

Scientific Session		
<b>AM</b>	<b>09:00 - 10:00</b>	<b>Special Lecture-3 (4-2-03)</b> <b>“How light can control brain state and behaviour”</b> A/Prof. Suresh Jesuthasan (Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore)
	<b>10:00 - 10:30</b>	<b>Morning Tea (4-2-03)</b>
	<b>10:30 - 11:30</b>	<b>Special Lecrure-4 (4-2-03)</b> <b>“Automated zebrafish tracking and its effect on behavioral quantification”</b> A/Prof. Kuang Ye Chow (School of Engineering, Monash University Malaysia)
	<b>11:30 - 12:00</b>	<b>Technical Talk-1 (4-2-03)</b> Dr. Lim Siang Hui (Carl Zeiss, Malaysia)
<b>PM</b>	<b>12:00 - 13:00</b>	<b>Lunch (poster presentation)</b>
	<b>Technical Session</b>	
	<b>13:00 - 13:30</b>	<b>Technical Talk-2 (4-2-03)</b> Dr. Adam Cliffe (Leica, Singapore)
	<b>13:30 - 17:00</b>	<b>Hands on session (3-8-05)</b> <b>A: Light-sheet microscope</b> Dr. Lim Siang Hui (Carl Zeiss, Malaysia) Dr. Anwar Norazit (University Malaya)  <b>B: In vivo brain imaging</b> A/Prof. Suresh Jesuthasan (Nanyang Technological University, Singapore) Dr. Adam Cliffe (Leica, Singapore) Dr. Anwar Norazit (University Malaya) Ms. Aoi Chee (Hi-Tech Sdn Bhd, Malaysia)

## Day 3 (4<sup>th</sup> October 2017)

<b>Behaviour and data analysis</b>		
<b>AM</b>	<b>Lecture Session</b>	
	<b>09:00 - 10:00</b>	<b>Special Lecture-5 (4-2-03)</b> Dr. Ajay S. Mathuru (Yale-NUS College, Institute of Molecular and Cell Biology, A*STAR, Singapore)
	<b>10:00 - 10:30</b>	<b>Morning Tea (4-2-03)</b>
	<b>10:30 - 11:30</b>	<b>Special Lecture-6 (4-2-03)</b> "Use transgenic and genome editing approaches to create human cancer models in Zebrafish" A/Prof. Chung-Der Hsiao (Chung Yuan Christian University, Taiwan)
	<b>11:30 - 12:00</b>	<b>Technical Talk-5 (4-2-03)</b> Dr. Suzita Noor (University Malaya) and/or Interscience
<b>PM</b>	<b>12:00 - 14:00</b>	<b>Lunch (poster presentation)</b>
	<b>Practical Session</b>	
	<b>14:00 - 16:00</b>	<b>A: Adult Fish Behaviour</b> Dr. Satoshi Ogawa (Monash University Malaysia)  <b>B: Larval Fish Behaviour</b> TBC  <b>C: Phenotype Observation of CRISPR/Morpholino-treated larvae</b> Dr. Suzita Noor (University Malaya) Dr. Anwar Norazit (University Malaya) Dr. Shogo Moriya (Monash University Malaysia)
	<b>16:00 - 17:00</b>	<b>Bioimage data processing</b> Andor