

Associate School on Neuro-Enhancement for Brain Health
May 6-14, 2024
 Department of Physiology, Srisavarindira Building, Floor 13th
 Faculty of Medicine Siriraj Hospital, Mahidol University



Tentative Program

6 May, 2024 Monday			
	Room/Lab	Lecture/Activity	Note
08:00-08:30	Meeting Room, 13 th Fl.	Registration	
08:30-09:00		Opening/Introduction Assoc Prof Sorachai Srisuma, MD, PHD <i>Head: Department of Physiology</i> Prof Supin Chompoopong, PhD <i>Chair of Organization: IBRO-APRC Associate School</i> Assist Prof Sompol Tapechum, MD, PhD <i>Head: Neurophysiology Unit</i>	
09:00-09:45		Lecture 1: Using Eye Tracking System (ETS) to evaluate eye movement and double your reading speed Assoc Prof Chailerd Pichitpornchai, MD, PhD	
09:45-10:30		Lecture 2: Extracellular recording of hippocampal brain slices for long-term potentiation measurement Assoc Prof Narawut Pakaprot, MD, PhD	
10:30-11:15		Lecture 3: Neurodegenerative animal models to evaluate cognitive defects and inflammatory responses Prof Supin Chompoopong, PhD	
11:15-12:00		Lecture 4: Neuroethics and Neuro-enhancement: Considerations and Debates Prof Sukumal Chongthammakun, PhD	Move from May 14, 2024
12:00-13:00		Lunch	
13:00-16:00	13 th Fl, Physiology	Group A: ETS Lab Chailerd Pichitpornchai and Team	
	13 th Fl, Physiology	Group B: ETS Lab Chailerd Pichitpornchai and Team	

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Tentative Program

7 May, 2024 Tuesday			
	Room/Lab	Lecture/Activity	Note
08:30-09:00	Meeting Room, 13 th Fl.	Q&A Prof Supin Chompoopong, PhD/ Assoc Prof Chailerd Pichitpornchai, MD, PhD	
09:00-12:00	12 th Fl, Physiology	Group A: Extracellular recording Narawut Pakaprot and Team	
	8 th Fl, Anatomy / SI Animal center	Group B: Neurodegenerative animal models Supin Chompoopong and Team	
12:00-13:00		Lunch	
13:00-16:00	8 th Fl, Anatomy / SI Animal center	Group A: Neurodegenerative animal models Supin Chompoopong and Team	
	12 th Fl, Physiology	Group B: Extracellular recording	

Wednesday 8- Friday 10 May 2024			
	Place	Lecture/Activity	Note
08:30-17:00	Amari Resort, Hauhin	ICNB 2024/TNS27 Attending Lecture and Poster presentation	

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Tentative Program

Saturday 11- Sunday 12 May 2024			
	Place	Lecture/Activity	Note
08:30-17:00	24 Residence	No lab activity at Siriraj Hospital Group working/ Bangkok Sight Seeing	

13 May, 2024 Monday			
	Room/Lab	Lecture/Activity	Note
08:30-12:00	Meeting Room, 13 th Fl.	Neuro-Enhancement for Brain Health: Insights from IBRO Educators Prof Jerome N Sanes, PhD Prof Yukiko Goda, PhD Michael KH Ling, PhD Pike See Cheah, PhD	
12:00-13:00		Lunch	
13:00-14:30	Siriraj Hospital	Siriraj Library and Museum Visiting	
14:30-16:30		Student Presentation & Discussion: Assist Prof Chairat Turbpiboon, MD, PhD Assist Prof Adisorn Ratanayotha, MD, PhD Woratee Dacharux, MD, PhD Rujapope Sutiwisesak, MD, PhD	
16:30-17:00		Closing activity/Certificate/Lunch Prof Prof Sukumal Chongthammakun, PhD <i>IBRO-APRC committee, TNS President</i> Prof Supin Chompoopong, PhD <i>Chair of Organization: Associate School on Neuro- Enhancement for Brain Health</i> Assist Prof Sompol Tapechum, MD, PhD <i>Head: Neurophysiology Unit</i>	Move from May 14, 2024

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Tentative Program

14 May, 2024			
Tuesday			
	Room/Lab	Lecture/Activity	Note
08:30-09:10	Meeting Room, 13 th Fl.	Lecture 6: Zebrafish Behavior: Insights into Neural Circuits and Drug Discovery Assist Prof Adisorn Ratanayotha, MD, PhD	Move to ICNB 2024 at Hauhin
09:10-09:50		Lecture 7: <i>Caenorhabditis elegans</i> as a Model Organism for Neurobiology and Neuro-enhancement Research Assoc Prof Krai Meemon, PhD	Move to ICNB 2024 at Hauhin
09:50-10:30		Lecture 8: Neuroinflammatory animal models Assoc Prof Kulthida Chaithirayanon, PhD	Move to ICNB 2024 at Hauhin
10:50-11:30		Lecture 9: Neuroethics and Neuro-enhancement: Considerations and Debates Prof Sukumal Chongthammakun, PhD	Move to May 6, 2024
11:30-15:00		Closing activity/Certificate/Lunch Prof Prof Sukumal Chongthammakun, PhD <i>IBRO-APRC committee, TNS President</i> Prof Supin Chompoonpong, PhD <i>Chair of Organization: Associate School on Neuro-Enhancement for Brain Health</i> Assist Prof Sompol Tapechum, MD, PhD <i>Head: Neurophysiology Unit</i>	Move to May 13, 2024

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List of Teachers

International Teachers		Thai Teachers	
1	Jerome N Sanes, US	1	Supin Chompoopong, SI, MU
2	Yukiko Goda, JP	2	Sompol Tapechum, SI, MU
3	Michael KH Ling, UPM, MY	3	Chailerd Pichitpornchai, SI, MU
4	Pike See Cheah, UPM, MY	4	Narawut Pakaprot, SI, MU
5		5	Chairat Turbpiboon, SI, MU
6		6	Adisorn Ratanayotha, SI, MU
7		7	Woratee Dacharux , SI, MU
		8	Rujapope Sutiwisesak, SI, MU
		9	Sukumal Chongthammakun, SC, MU
		10	Krai Meemon, SC, MU
		11	Kulthida Chaithirayanon, SC, MU