



Mahidol University
Institute of
Molecular Biosciences

INTERNATIONAL BRAIN
IBR
RESEARCH ORGANIZATION

29th Annual Conference of Thai Neuroscience Society (TNS29)

Tentative Program V.5.4.2

Wed 5 AUGUST 2026 (DAY 1)				
	Time		Main Room (Pacific 1-2)	Workshop
DAY 1	08:30	-	Registration (Pacific Foyer) at Amari Bang Saen, Chonburi	
	09:30	10:00	Refreshment (Pacific Foyer)	
	10:00	12:00	TNS Neuro Quiz 2026 Final Competition Assoc. Prof. Chailerd Pichitpornchai, M.D., Ph.D. Mahidol University, Thailand Assoc. Prof. Akkradate Siriphorn, Ph.D. Chulalongkorn University, Thailand Asst. Prof. Prateep Amonruttanapun, Ph.D. Thammasat University, Thailand	
	12:00	13:00	Lunch (Pacific 3-4/Amaya)	
	Opening Ceremony			
	13:00	13:10	Opening remarks Prof. Supin Chompoonpong, Ph.D. President of Thai Neuroscience Society Assoc. Prof. M.L. Saovaros Svasti, Ph.D. Director of Institute of Molecular Biosciences, Mahidol University	
	13:10	13:20	TNS NEURO QUIZ 2026 Award Ceremony	
	13:20	13:30	Group Photography	
	Plenary Lectures			Workshop
	13:30	14:05	PL-1: Reimagining Thai Education: From Systemic Challenges to Sustainable Transformation through the Neuroscience of Learning Prof. Pavich Tongroach, Ph.D. Past President of Thai Neuroscience Society	14:00-17:00 at Andaman 1-2 SKT workshop: The Elderly Memory and Health Healing (Thai language) Prof. Somporn Kantharadussadee Triamchaisri, Ph.D.
	14:05	14:40	PL-2: Medication Overused Headache – Possible Pathogenesis Prof. Anan Srikiatkhachorn, M.D. Faculty of Medicine, King Mongkut's Institute of Technology Ladkrabang	
	14:40	14:55	Refreshment (Pacific Foyer)	
	14:55	15:30	PL-3: Advancing Neural Organoid Technology for Better Understanding of CNS Development and Disease Modeling Prof. Woong Sun, Ph.D. College of Medicine, Korea University, South Korea	14:00-17:00 at Andaman 3 Innovative Learning Workshop Assoc. Prof. Chailerd Pichitpornchai, M.D., Ph.D., Asst. Prof. Pirom Chenprakhon, Ph.D., Supan Yodyingyong, Ph.D.
	15:30	16:05	PL-4: From Blue Light Photoreceptor ipRGCs to Behaviors: Computational Circuits for the Circadian Clock and Light Avoidance Prof. Alen Shih-Kuo Chen, Ph.D. College of Life Sciences, National Taiwan University, Taiwan	
	16:05	16:40	PL-5: The parallel pathways from the habenula to the interpeduncular nucleus control social conflict Prof. Hitoshi Okamoto, M.D., Ph.D. RIKEN Brain Science Institute, Japan	
	16:40	17:00	Poster setup	
			End of Day 1	



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Thu 6 AUGUST 2026 (DAY 2)		
	Time	Main Room (Pacific 1-2)
DAY 2	Prof Masao Ito's Lecture	
	08:45	09:15
	HL1: Reversing Central Nervous System Dysfunction through Herbal Medicine and Systems Neuroscience Research Prof. Ingrid Liu, Ph.D. Institute of Medical Sciences, Tzu Chi University, Taiwan	
	Scientific Session I: Neurological Models	
	09:15	09:45
	SS1: The Emerging Role of Pnn in Neurodegenerative Diseases: From RNA Homeostasis to Neuronal Dysfunction Prof. Steve Leu, Ph.D. Institute for Translation Research in Biomedicine, Kaohsiung Chang Gung Memorial Hospital, Taiwan	
	09:45	10:15
	SS2: From the Blood to the Brain: Development of Human Brain Organoid-on-Chip from Peripheral Blood Mononuclear Cells of Thai Children Asst. Prof. Tewarit Sarachana, Ph.D. Faculty of Allied Health Sciences, Chulalongkorn University, Thailand	
	10:15	10:45
	Refreshment + Poster Presentation I (Pacific Foyer)	
	10:45	11:15
	SS3: Targeting Neuroinflammation and Synaptic Dysfunction with Bioactive Fraction from <i>Celastrus paricularus</i> Assoc. Prof. Siriporn Chamniansawat, Ph.D. Faculty of Allied Health Sciences, Burapha University, Thailand	
	11:15	11:45
	SS4: How Does Sport Shape the Brain? Neural Signatures of Visual Processing in Elite Gymnasts, Soccer Players, and Esport Athletes Assoc. Prof. Amornpan Ajjimaporn, Ph.D. College of Sports Science and Technology, Mahidol University, Thailand	
	11:45	12:15
	SS5: Natural Product-Based Intervention for Sleep Loss-Induced Cognitive Decline: Mechanistic Insights Into TCU411 (Adjunct) Asst. Prof. Peeraporn Varinthra, Ph.D. Institute of Medical Sciences, Tzu Chi University, Hualien, Taiwan	
	12:15	13:00
	Lunch (Pacific 3-4/Amaya)	
	13:00	13:30
	Poster Presentation II (Pacific Foyer)	
	Professor Dr Roongtam Ladpli's Lecture	
	13:30	14:00
	HL2: Broken Heart, Clouded Mind: Unmasking Cognitive Impairment in the Heart-Brain Axis Prof. Siriporn Chattipakorn, D.D.S., Ph.D. Faculty of Medicine, Chiang Mai University, and Faculty of Dentistry, Chiang Mai University, Thailand	
	Scientific Session II: ATPMs & Drug Discovery	
	14:00	14:30
	SS6: Anthocyanins-Enriched Products, A Potential Candidate for Preventing and Mitigating Age-Related Neuropsychological Disorders Prof. Jintanaporn Wattanathorn, Ph.D. Faculty of Medicine, Khon Kaen University, Thailand	
	14:30	15:00
	SS7: Circular RNAs drive synaptic plasticity to promote learning and memory Asst. Prof. Jacque Pak Kan Ip, Ph.D. Chinese University of Hong Kong	
	15:00	15:30
	Refreshment + Poster Presentation III (Pacific Foyer)	
	15:30	16:00
	SS8: Structure-Based Drug Design: Exploring Small Molecules for Neurodegenerative Diseases Asst. Prof. Jiraporn Panmanee, Ph.D. Institute of Molecular Biosciences, Mahidol University, Thailand	



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Time		Main Room (Pacific 1-2)	
16:00	16:30	SS9: Bioengineered Exosomes for Neurorepair After Ischemic Stroke: Bridging Drug Discovery and Regenerative Medicine Asst. Prof. Sukonthar Ngampramuan, Ph.D. Institute of Molecular Biosciences, Mahidol University, Thailand	
16:30	17:00	SS10: Rebuild the Alzheimer-like brain: HMGB1 Box A gene therapy promotes neurogenesis and cognitive recovery Suangsuda Supasai, Ph.D. Faculty of Tropical Medicine, Mahidol University, Thailand	
		End of Day 2	

Fri 7 AUGUST 2026 (DAY 3)			
	Time		Main Room (Pacific 1-2)
DAY 3	Professor Dr Prasop Ratanakorn's Lecture		
	08:45	09:15	HL3: Transcriptomics to Drive Drug Discovery in Psychiatry Prof. Jee Hyun KIM, Ph.D. Institute for Mental and Physical Health and Clinical Translation, School of Medicine, Deakin University, Australia
	Honorary Member Recognition		
	09:15	09:20	Prof. Disya Ratanakorn, M.D. Chair of Professor Dr Prasop Ratanakorn Foundation
	Travel Grants Awarding		
	09:20	09:30	Professor Dr Prasop Ratanakorn Travel Awards Mj. Gen. Chesda Udommongkol, M.D. Treasurer of Professor Dr Prasop Ratanakorn Foundation
			IBRO-TNS Travel Awards Prof. Supin Chompoopong, Ph.D. President of Thai Neuroscience Society
	Scientific Session III: IBRO-TNS Travel Award		
	09:30	09:45	SS11: Neuroinflammation as a Converging Mechanism Linking Traumatic Brain Injury, Epileptogenesis, and Cognitive Decline Irma Wati Ngadimon. Ph.D. University Malaya, Malaysia
	09:45	10:00	SS12: Three-Dimensional Neural Tissue Models Elucidate Cellular and Molecular Mechanisms of Brain Aging Varsha Pai V Manipal Academy of Higher Education, India
	10:00	10:15	SS13: The Involvement of Oxidative Stress in Habenula Neurons in Social Stress Susceptibility in Adult Male Nile Tilapia Muhammad Tayyab Imtiaz Monash University Malaysia, Malaysia
	10:15	10:30	SS14: Artificial Intelligence for Nerve Conduction Studies: A Scoping review of Clinical Classification, Physiologic Modeling, and reporting Support Muhana Fawwazy Ilyas Universitas Gadjah Mada, Indonesia
	10:30	10:45	Refreshment (Pacific Foyer)



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10:45	11:00	SS15: A Multi-Modal Framework for Point-of-Care Neurophysiological Monitoring and Foundation Model-Based Screening for Age-related Neurological Decline Jasmeet Singh Bindra Indian Institute of Technology, India
11:00	11:15	SS16: Deferiprone and Ferulic Acids Ameliorate Alcohol-Induced Cognitive Impairment by Modulating Iron Metabolism and Inhibiting Ferroptosis Minqing GU University of Hong Kong, China
11:15	11:45	IBRO Communication Prof. Sukumal Chongthammakun, Ph.D.
11:45	12:45	Lunch (Pacific 3-4/Amaya)
Scientific Session IV: TNS committee-selected speakers		
12:45	13:15	SS17: SKT Meditation Healing Exercise to Improve Health, Quality of Life and Healing Across the Life Span Prof. Somporn Kantharadussadee Triamchaisri, Ph.D. Faculty of Health Science, UCL, Vietnam
13:15	13:45	SS18: The Future Brain: How Artificial Intelligence is Reshaping Neuroscience in the Next Decade Assoc. Prof. Chailerd Pichitpornchai, M.D., Ph.D. Faculty of Medicine Siriraj Hospital, Mahidol University, Thailand
Scientific Session V: Neurotechnology		
13:45	14:15	SS19: A Model-Based EEG Framework for Investigating Attention Deficits in Mild Cognitive Impairment Asst. Prof. Sirawaj Itthipuripat, Ph.D. Learning Institute, King Mongkut University of Technology Thonburi, Thailand
14:15	14:45	SS20: Toward Translational NeuroAI & Neuroengineering for Human Restoration Sumeth Klomchitcharoen, Ph.D. Institute of Molecular Biosciences, Mahidol University, Thailand
14:45	15:00	Refreshment (Pacific Foyer)
TNS communication and CLOSING REMARKS		
15:00	15:45	Announcement of Award winners - Prof. Dr. Prasop Ratanakorn Foundation Award for Outstanding Research Achievement - Professor Roongtarn Ladpli Award - Associate Professor Naiphinich Kotchabhakdi Award - Professor Ingrid Y Liu Award - Professor Pavich Tongroach Award - Mr. Tay Khoon Yang Award (Hi-Tech Imaging Co. Ltd.) - Selected Abstract Award TNS Communication - TNS30 announcement Closing Address by Prof. Banthit Chetsawang, Ph.D.
		End of TNS29



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