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Dr Anupama Roy CHOWDHURY
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Dr John CHUA
Yong Loo Lin School of Medicine,
National University of Singapore

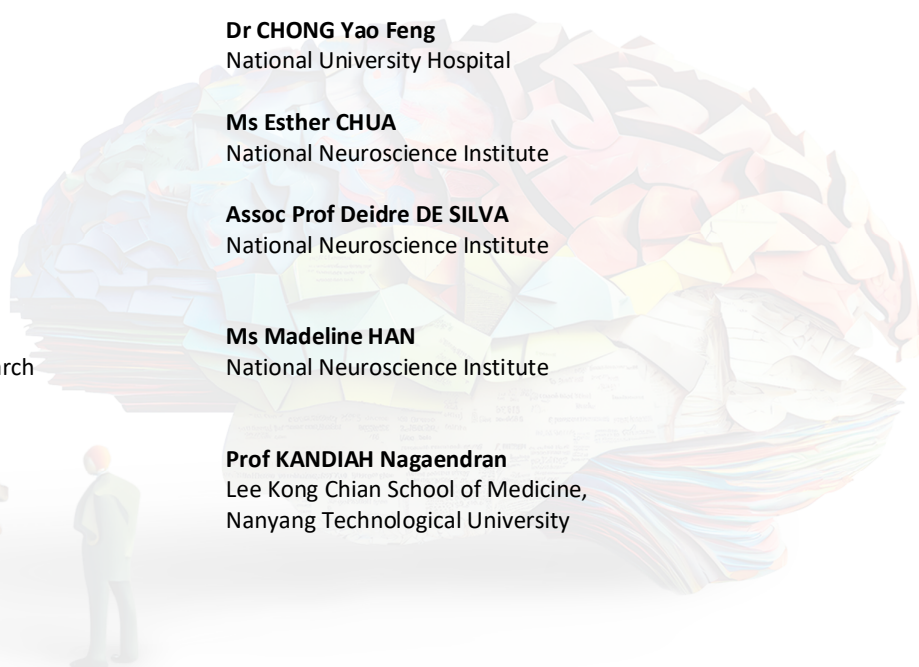
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National Neuroscience Institute

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Prof TAN Eng King
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Prof Louis TAN
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Dr TAN You Jiang
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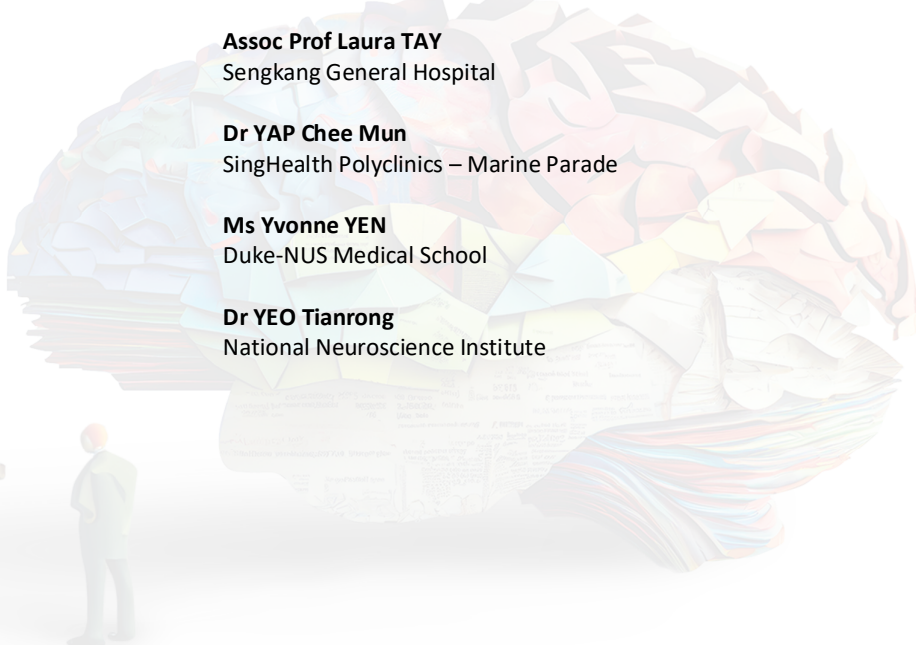
Dr TAN Shian Ming
Sengkang General Hospital

Assoc Prof Laura TAY
Sengkang General Hospital

Dr YAP Chee Mun
SingHealth Polyclinics – Marine Parade

Ms Yvonne YEN
Duke-NUS Medical School

Dr YEO Tianrong
National Neuroscience Institute



PROGRAMME

Pre-Symposium Seminar on Basic Translational Research in Alzheimer's Disease and Dementia 1 February 2024 (Thursday), Room L1-S1

Time	Topic	Speakers
0830 – 0855	Registration	-
0855 – 0900	Welcome Address	Prof Louis Tan Director, Research Senior Consultant, Neurology National Neuroscience Institute, Singapore
Session 1: Alzheimer's Disease Pathogenesis Chairperson: Zeng Li		
0900 – 0930	The Role of Microglia in the Pathogenesis of Alzheimer's Disease	Inhee Mook-Jung Seoul National University College of Medicine, Republic of Korea
0930 – 1000	Targeting Mitochondrial Dysfunction in Alzheimer's Disease	Anna Barron Nanyang Technological University, Singapore
1000 – 1030	An Unbiased Proteomics Approach Identifies Presymptomatic Changes in Alzheimer's Disease	John Chua Yong Loo Lin School of Medicine, National University of Singapore, Singapore
1030 – 1100	Tea Break	
Session 2: Biomarkers in Dementia Chairperson: Zeng Li		
Time	Topic	Speakers
1100 – 1130	Biomarkers for the Early Detection of Mild Cognitive Impairment due to Alzheimer's Disease	Pei Zhong The First Affiliated Hospital, Sun Yat-sen University, China
1130 – 1145	Fluid Biomarkers in Neurocognitive Disorders	Jayne Tan National Neuroscience Institute, Singapore
1145 – 1215	AI Powered Spatial Omics Analysis for Neuroscience	Jinmiao Chen Singapore Immunology Network, Singapore
1215 – 1330	Lunch	
Session 3: Vascular Dementia Chairperson: Christine Cheung		
Time	Topic	Speakers
1330 – 1400	Unveiling Molecular Transformations in Cerebrovascular Responses to Brain Hypoxia	Christine Cheung Nanyang Technological University, Singapore
1400 – 1430	Mimicking Brain Tumor Complexity: Insights from A Human-Based In Vitro Model. Exploring the Role of BBB, T Cell Therapy, And Drug Resistance in the Glioblastoma Microenvironment	Andrea Pavesi Institute of Molecular and Cell Biology, A*Star, Singapore
1430 – 1445	Investigating the Effects of NOTCH3 Asian-Specific Mutant on Blood-Brain-Barrier in iPSC-Derived Cell Types	Jolene Lee Duke-NUS Medical School, Singapore

1445 – 1500	A Vascular Perspective of Alzheimer’s Disease: Patient IPSC-Derived Endothelial Cells Reveal Dysregulated Angiogenesis and Early Cellular Senescence	Yvonne Yen Duke-NUS Medical School, Singapore
1500 – 1530	Tea Break	
Session 4: Synapse and Epigenetic Regulation in Alzheimer’s Disease Chairperson: Hongyan Wang		
Time	Topic	Speakers
1530 – 1600	History Matters: Tracing Metaplasticity in an Animal Model of Alzheimer’s Disease	Saji Kumar Sreedharan National University of Singapore, Singapore
1600 – 1630	Role of Intron Retention in Alzheimer’s Disease	Ong Chin Tong Temasek Life Sciences Laboratory, Singapore
Session 5: Translational Drug Development in Dementia Chairperson: Hongyan Wang		
Time	Topic	Speakers
1630 – 1700	Drug Repurposing for Key Protein Targets in Neurodegenerative Diseases	Fan Hao Agency for Science, Technology and Research (A*STAR), Singapore
1700 – 1730	TRPM4 Blocking Antibody as a Novel Therapy for Vascular Dementia	Liao Ping National Neuroscience Institute, Singapore
End of Pre-symposium Research Seminar		



Main Symposium Day One

2 February 2024 (Friday), The Ngee Ann Kongsi Auditorium

Time	Topic	Speakers
0800 – 0830	Registration	-
0830 – 0900	Opening Ceremony	Guest-of-Honour (TBA)
0900 - 0930	Overview of Dementia Care in National Neuroscience Institute and SingHealth	Adeline Ng National Neuroscience Institute, Singapore
Plenary Session 1		
Chairpersons: David Low and Simon Ting		
0930 - 1000	Frailty, Aging and Cognition	Laura Tay Sengkang General Hospital, Singapore
1000 – 1030	Artificial Intelligence in Community Dementia Studies	Payam Barnaghi Imperial College London, UK
1030 – 1100	Tea Break	
Parallel Session 1		
1100 – 1230	Parallel Sessions A, B	
1230 – 1330	Lunch	
1330 – 1430	Poster Session 1	
Plenary Session 2		
Chairperson: Adeline Ng and Deidre De Silva		
Time	Topic	Speakers
1430 – 1500	Vascular Cognitive Impairment: Updates	Kandiah Nagaendran Lee Kong Chian School of Medicine, Singapore
1500 – 1530	Clinical Trials in Cerebral Small Vessel Disease	Joanna Wardlaw The University of Edinburgh, UK
1530 – 1600	Tea Break	
Parallel Session 2		
1600 – 1730	Parallel Sessions C, D	
End of symposium Day One		

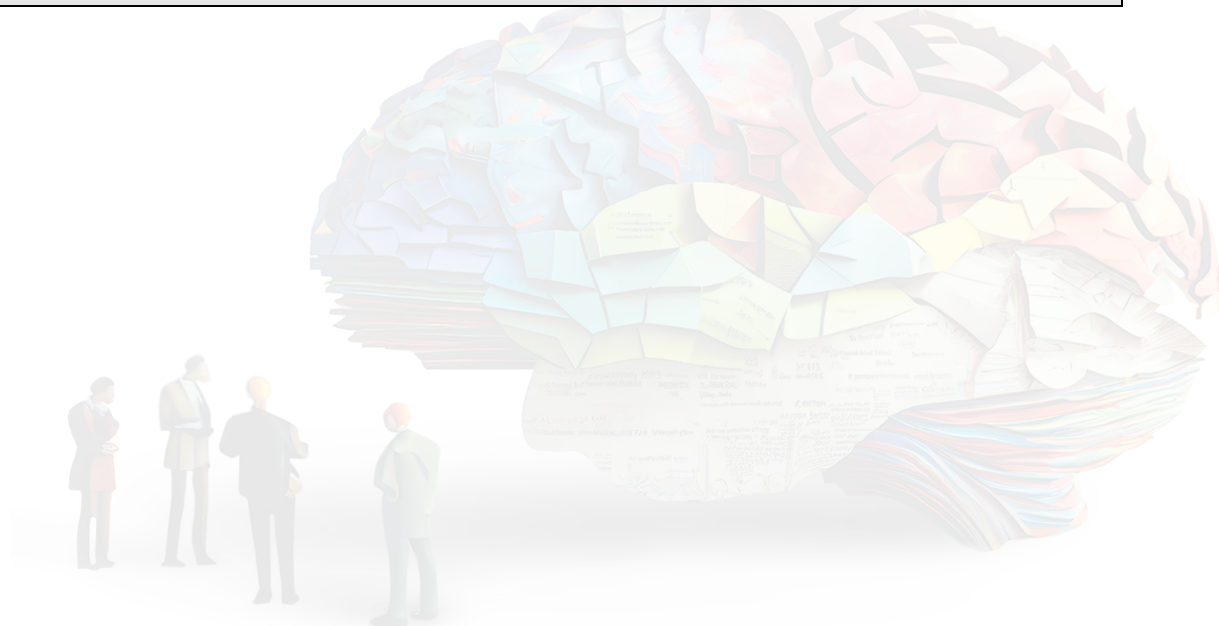


Main Symposium Day One – 2 February 2024 (Friday)

Parallel Session (PS) 1 – PS A, PS B

PS A: Focal Dementia Syndromes Chairperson: Chiew Hui Jin		
Time	Topic	Speakers
1100 – 1120	Frontal Lobe Syndrome	Chan Lai Gwen Tan Tock Seng Hospital, Singapore
1120 – 1140	Posterior Cortical Atrophy & Primary Progressive Aphasia	Chiew Hui Jin National Neuroscience Institute, Singapore
1140 – 1200	Neurobehavioural Approach in Dementia	Simon Ting National Neuroscience Institute, Singapore
1200 – 1230	Q&A Session	All Speakers
1230 – 1330	Lunch	
End of Parallel Session A		

PS B: Physical and Mental Continuum in Dementia Chairperson: TBC		
Time	Topic	Speakers
1100 – 1120	Diabetes and Cognitive Impairment	Anupama Roy Chowdhury Singapore General Hospital, Singapore
1120 – 1140	Sleep and Cognition	Tan You Jiang National Neuroscience Institute, Singapore
1140 – 1200	Update on Delirium Management	Lim Si Ching Changi General Hospital, Singapore
1200 – 1230	Q&A Session	All Speakers
1230 – 1330	Lunch	
End of Parallel Session B		



Parallel Session (PS) 2 – PS C, PS D

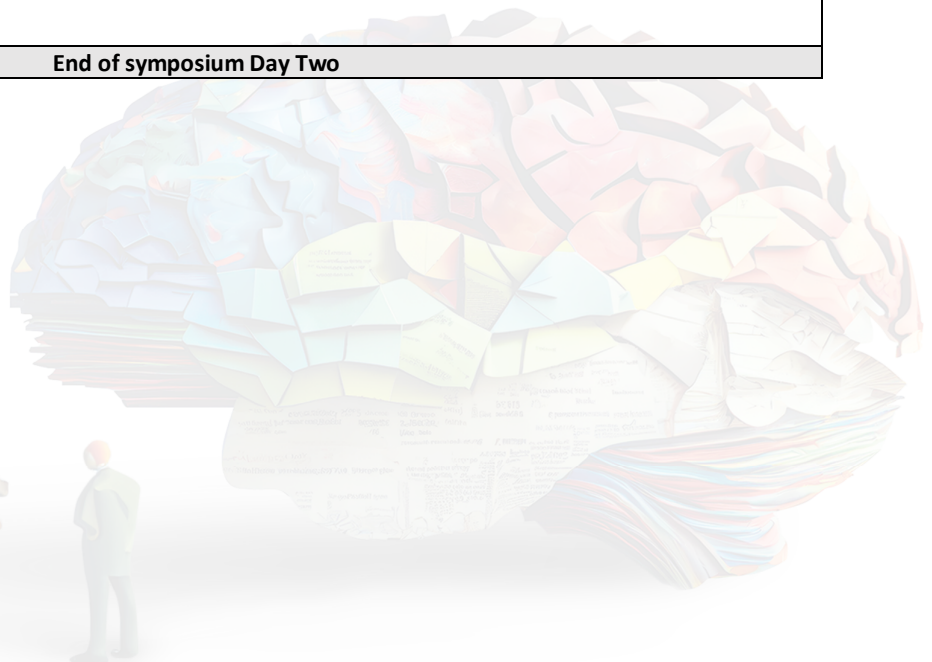
PS C: Neurology and Dementia Chairperson: Tan You Jiang		
Time	Topic	Speakers
1600 – 1620	Cerebral Amyloid Angiopathy: Updates	Kaavya Narasimhalu National Neuroscience Institute, Singapore
1620 – 1640	Autoimmune/Limbic Encephalitis & Cognition	Yeo Tianrong National Neuroscience Institute, Singapore
1640 – 1700	Epilepsy and Dementia	Shen Jia Yi National Neuroscience Institute, Singapore
1700 – 1730	Q&A Session	All Speakers
End of Parallel Session C		

PS D: Neuropsychiatry of Dementia Chairperson: Anupama Roy Chowdhury		
Time	Topic	Speakers
1600 – 1620	Spectrum of Psychosis in Dementia	Wan Yi Min Ng Teng Fong General Hospital, Singapore
1620 – 1640	Mental Health and Dementia	Tan Shian Ming Sengkang General Hospital, Singapore
1640 – 1700	BPSD Management and Review	Vanessa Mok Changi General Hospital, Singapore
1700 – 1730	Q&A Session	All Speakers
End of Parallel Session D		



Main Symposium Day Two
3 February 2024 (Saturday), The Ngee Ann Kongsi Auditorium

Time	Topic	Speakers
0800 – 0830	Registration	-
Plenary Session 3 Chairperson: Philip Yap and Tan Eng King		
0830 – 0900	Prodromal Lewy Body Dementia	Dag Aarsland King's College London, UK
0900 – 0930	Anti-Amyloid Therapy for Alzheimer's Disease	Christopher Chen National University of Singapore, Singapore
0930 – 1000	Mild Behavioural Impairment	Zahinoor Ismail University of Calgary, Canada
1000 – 1030	Tea Break	
Parallel Session 3		
1030 – 1200	Parallel Sessions E, F, G	
1200 – 1300	Lunch	
1300 – 1430	Poster Session 2	
Plenary Session 4 Chairperson: Ng Kok Pin and Shahul Hameed Wahab		
Time	Topic	Speakers
1430 – 1500	Tau and Amyloid Imaging – Singapore Experience	Winnie Lam Singapore General Hospital, Singapore
1500 – 1530	MRI Imaging in Dementia	Sumeet Kumar National Neuroscience Institute, Singapore
1530 – 1600	Tea Break	
Parallel Session 4		
1600 – 1730	Parallel Sessions H, J, K	
End of symposium Day Two		



Main Symposium Day Two – 3 February 2024 (Saturday)

Parallel Sessions (PS) 3 – PS E, PS F, PS G

PS E: Unusual Causes of Dementia Chairperson: Adeline Ng		
Time	Topic	Speakers
1030 – 1050	Case Studies of Rapidly Progressive Dementia	Li Weishan National Neuroscience Institute, Singapore
1050 – 1110	Case Studies of Genetic Causes of Dementia	Adeline Ng National Neuroscience Institute, Singapore
1110 – 1130	Case Studies of Cognitive Impairment in Movement Disorders	Rebecca Hoe National Neuroscience Institute, Singapore
1130 – 1200	Q&A Session	All Speakers
1200 – 1300	Lunch	
End of Parallel Session E		

PS F: Managing Dementia in the Community Chairperson: Dennis Seow		
Time	Topic	Speakers
1030 – 1050	Advanced Care Planning for Mild Cognitive Impairment/Dementia	Philip Yap Khoo Teck Puat Hospital, Singapore
1050 – 1110	Shared Care Model of Primary Care in Singapore	Yap Chee Mun SingHealth Polyclinics – Marine Parade, Singapore
1110 – 1130	Community Dementia Care Services in Singapore	See Yen Theng Agency for Integrated Care (AIC), Singapore
1130 – 1200	Q&A Session	All Speakers
1200 – 1300	Lunch	
End of Parallel Session F		

PS G: Assessments in Dementia Chairperson: Donald Yeo		
Time	Topic	Speakers
1030 – 1050	Cognitive Assessments – What the Physician Needs to Know from the Neuropsychological Assessments	Eveline Silva National Neuroscience Institute, Singapore
1050 – 1110	Issues in Mental Capacity Assessment	Donald Yeo KALL Psychology, Singapore
1110 – 1130	Genetic Risk Assessment & Counselling in Dementia	Levinia Lim National Neuroscience Institute, Singapore
1130 – 1200	Q&A Session	All Speakers
1200 – 1300	Lunch	

End of Parallel Session G

Parallel Sessions (PS) 4 – PS H, PS J, PS K

PS H: Updates in Dementia Diagnosis Chairperson: Simon Ting		
Time	Topic	Speakers
1600 – 1620	Digital Therapy in Dementia	Ng Kok Pin National Neuroscience Institute, Singapore
1620 – 1640	The Role of Artificial Intelligence in Early Detection of Cognitive Impairment among Community-dwelling Older Persons	Liew Tau Ming Singapore General Hospital, Singapore
1640 – 1700	What Can Artificial Intelligence Do for Dementia?	Chong Yao Feng National University Hospital, Singapore
1700 – 1730	Q&A Session	All Speakers
End of Parallel Session H		

PS J: Rehabilitative Strategies in Dementia Chairpersons: Leslie Lau and Levinia Lim		
Time	Topic	Speakers
1600 – 1620	Assessing Driving in Cognitive Impairment	Chan Mei Leng Tan Tock Seng Hospital, Singapore
1620 – 1640	Update on Cognitive Rehabilitation	Soh Yanming Tan Tock Seng Hospital, Singapore
1640 – 1700	NNICE Program	Leslie Lau National Neuroscience Institute, Singapore
1700 – 1730	Q&A Session	All Speakers
End of Parallel Session J		

PS K: Role of Nursing Care in Dementia Chairperson: Esther Chua		
Time	Topic	Speakers
1600 – 1620	Young-onset Dementia Nursing	Esther Chua National Neuroscience Institute, Singapore
1620 – 1640	Community Nursing for Dementia	Li Wei National Neuroscience Institute, Singapore
1640 – 1700	Enhancing Care of People Living with Dementia in Hospital: Nursing Perspective	Li Fuyin Changi General Hospital, Singapore
1700 – 1730	Q&A Session	All Speakers
End of Parallel Session K		

