



The 25th Thai Neuroscience Society Conference 2022 (TNS25)

“Frontiers in Neurodegeneration and Neurotoxicity”

organized by

Department of Anatomy and Center for Neuroscience, Faculty of Science,

Mahidol University and Thai Neuroscience Society

January 26, 2022

2nd Floor, AN1 Building, Department of Anatomy

Faculty of Science, Mahidol University, Bangkok, 10400, Thailand

Wednesday 26 January 2022

8.00-8.30	Registration	
8.30-8.40	<p>Welcome & Opening Remarks</p> <ul style="list-style-type: none"> • President of Thai Neuroscience Society: Prof. Emeritus Piyarat Govitrapong • Dean of Faculty of Science, Mahidol University: Assoc. Prof. Palangpon Kongsaree 	 
8.40-9.20	<p>Keynote Speaker 1: Prof. Michael Aschner, Director, Einstein Center of Toxicology, Albert Einstein College of Medicine, USA</p> <p><i>“Role of manganese in neurodegenerative diseases”</i></p>	
9.20-10.00	<p>Keynote Speaker 2: Asst. Prof. Jeffrey Savas, Feinberg School of Medicine, Northwestern University, USA</p> <p><i>“Proteomics of Synaptic Dysfunction in Alzheimer’s Disease”</i></p>	
10.00-10.10	10 minutes break	
10.10-10.50	<p>Keynote Speaker 3: Prof. Ege Taner Kavalali, Acting Chair of Pharmacology, School of Medicine, Vanderbilt University, USA</p> <p><i>“Functional integration of synaptic via extracellular vesicles”</i></p>	
10.50-11.30	<p>Keynote Speaker 4: Prof. Tadashi Isa, Department of Neuroscience and Human Brain Research Center, Kyoto University, Japan</p> <p><i>“Induction of large-scaled adult brain plasticity for neuronal repair”</i></p>	
11.30-12.00	<p>Special Lecture 1: Assoc. Prof. Krai Meemon, Department of Anatomy, Faculty of Science, Mahidol University, Thailand</p> <p><i>“C. elegans: powerful model to discover neuroprotective agents for neurodegenerative diseases”</i></p>	



12.00-13.20	<p>Lunch Break & Social Activities</p> <ul style="list-style-type: none"> • Luncheon Seminar: (12.00-12.30) • Social Interaction & Poster presentation • TNS member annual meeting 	
13.20-14.00	<p><i>Memorial Lecture “Prof.Roongtam Ladpli”</i></p> <p><i>“Life story of Prof.Dr.Roongtam Ladpli: from Neurosurgery to the foundation of Thai Neuroscience”</i></p>	
14.00-14.30	<p>Special Lecture 2: Assoc.Prof.Piyajit Watcharasit, Chulabhorn Graduate Institute, Thailand</p> <p><i>“Arsenic neurotoxicity”</i></p>	
14.30-15.00	<p>Special Lecture 3: Dr.Chaipat Chunharas, Chulalongkorn University,Thailand</p> <p><i>“Alpha rhythm and potential neural mechanism of visual hallucination in Parkinson disease”</i></p>	
15.00-15.10	10 minutes break	
15.10-15.50	<p>Keynote Speaker 5: Prof.Bazbek Davletov, Chair in Biomedical Science, University of Sheffield, UK</p> <p><i>“Synaptic proteins and neurotoxins: The protein interactions that crucial for vesicle fusion and neurotransmitter release”</i></p>	
15.50-16.30	<p>Keynote Speaker 6: Prof.Claudio Alonso, Chair of the Neuroscience Subject Group School of Life Sciences, University of Sussex</p> <p><i>“RNA biology in Neuroscience”</i></p>	
16.30-17.00	<p>Special Lecture 4: Asst.Prof.Amornpun Sereemasapun, Chulalongkorn University, Thailand</p> <p><i>“Gut-brain axis in clinical application: from lab bench to bedside”</i></p>	
17.00-17.15	<p>Awards ceremony & Closing Remarks</p> <ul style="list-style-type: none"> • Head of Department of Anatomy, Faculty of Science Mahidol University Assoc.Prof.Wattana Weerachatanukul • Head of Center for Neuroscience, Asst.Prof.Patompon Wongtrakoongate 	

