



Academic Medicine
Research Institute
SingHealth Duke-NUS

RESEARCH GRAND ROUNDS

Neurogenetic and Rare Neurodegenerative Disorders: Clinical and Translational Updates

Join Assoc Prof Adeline Ng and Assoc Prof Zeng Li as they present interesting cases from NNI that go beyond the “classical” spectrum of neurodegenerative etiologies to highlight lesser-known causes of neurological decline. These range from more “common” inherited vascular dementias, to novel repeat expansions affecting global motor and cognitive function, and rare genetic causes of rapidly progressive neurodegeneration.

They will also discuss updates on ongoing translational work in these disorders that impact future therapeutic initiatives discussed.

Wednesday, 17 Jul 2024
12:30pm to 1:30pm (SGT)
via Zoom Webinar



CME, CPE and CNE points
may be awarded.

Register for free now at
<https://for.sg/rgr17jul24>

Speakers



Assoc Prof Adeline Ng

Senior Consultant Neurologist and Director, Special Projects, Office of Academic Affairs, National Neuroscience Institute (NNI)
Deputy Head, Research, SingHealth Duke-NUS Centre of Memory and Cognitive Disorders

- Heads the Dementia and Cognitive Neuroscience programme at NNI
- Principal Investigator of clinical dementia cohort studies as well as translational studies in the field of neurodegenerative diseases and neurogenetics
- Recipient of the National Medical Research Council (NMRC) Clinician-Scientist Award



Assoc Prof Zeng Li

Deputy Director, Basic Science and Translational Research, National Neuroscience Institute (NNI)
Principal Investigator, Neural Stem Cells Research Lab, NNI
Associate Professor, Programme in Neuroscience and Behavioural Disorders, Duke-NUS Medical School

- Research focuses on using 2D iPSCs and 3D brain organoid-derived from neurological diseases patients to pinpoint the cause of neurodegeneration and identify new therapeutic interventions
- Recipient of multiple research grants from National Medical Research Council (NMRC) and Biomedical Research Council (BMRC) for basic translational research
- Senior author in multiple high impact journals (Nature Communication, Biomaterials, Science Signalling, eLife, etc) on deciphering molecular mechanisms underlying neurodegeneration in Alzheimer's and Parkinson's diseases

Facilitator



Prof Tan Eng King

Deputy CEO (Academic Affairs), National Neuroscience Institute (NNI)
Professor, Programme in Neuroscience and Behavioural Disorders, Duke-NUS Medical School

- Research interests include epidemiology, neuroimaging, clinical and functional genomics and experimental therapeutics in Parkinson's disease, essential tremor and other movement disorders

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