

## NMRC Awarded Projects

### Talent Development - November 2018 Grant Calls

#### Singapore Translational Research Investigator Award (STaR) 18 November Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
STaR18nov-0003	MOH-000248	Early Detection and Novel Treatment Through Epigenomic Studies in Endemic Asian Cancers	Teh Bin Tean	National Cancer Centre Singapore
STaR18nov-0002	MOH-000278	Targeting transcription factor pathways in liver cancer	Daniel Tenen	National University of Singapore

#### Clinician Scientist Award - Investigator (CSAINV) 18 November Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CSAINV18nov-0004	MOH-000250	Investigating the role of the primary angle closure glaucoma (PACG) susceptibility gene, PLEKHA7 in Plekha7 <sup>-/-</sup> mutant rats	Chan Sook Yee Anita	Singapore Eye Research Institute
CSAINV18nov-0010	MOH-000295	Therapeutic Repositioning and Development of Phase I/II Drug OTSSP167 to Target 4 Molecular Subtypes of Medulloblastoma	Teo Wan-Yee	KK Women's & Children's Hospital
CSAINV18nov-0006	MOH-000276	Oral capsule-administered faecal microbiota transplantation for intestinal carbapenemase-producing Enterobacteriaceae decolonization	Ng Oon Tek	Tan Tock Seng Hospital
CSAINV18nov-0003	MOH-000273	Investigating the Genetic and Phenotypic Architecture of Advanced Primary Angle Closure Glaucoma for Stratified Disease Management	Monisha Esther Nongpiur	Singapore Eye Research Institute
CSAINV18nov-0005	MOH-000279	Clinical evaluation of a novel 20-gene signature as a biomarker and metabolic target in breast cancer stem cells	Tan Ern Yu	Tan Tock Seng Hospital
CSAINV18nov-0009	MOH-000275	Tracking circulating tumour cells and microRNAs in high-risk breast cancer	Yap Yoon Sim	National Cancer Centre Singapore
CSAINV18nov-0011	MOH-000274	Study into the role of Cerebrovascular Disease and Amyloid Pathology on Progression of Cognitive Impairment among Patients with Young Onset Mild Cognitive Impairment (SYNC-	Nagaendran Kandiah	National Neuroscience Institute of Singapore
CSAINV18nov-0007	MOH-000303	Mapping the trajectory and prognosis of patients with mild-moderate traumatic brain injury – The NEurodegeneration & Understanding of Risk Overlay in Neuroimaging Study (NEURON) 2	Nicole Keong Chwee Har	National Neuroscience Institute of Singapore

### Clinician Scientist Award - Senior Investigator (CSASI) 18 November Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CSASI18nov-0001	MOH-000197	Targeted Cell-Based Therapeutic Program for Corneal Blindness	Jodbhir Mehta	Singapore Eye Research Institute
CSASI18nov-0006	MOH-000296	Cardiovascular Clinical Trials in Asia: Asian Diabetes Outcomes Prevention Trial (ADOPT)	Lam Su Ping Carolyn	National Heart Centre Singapore
CSASI18nov-0005	MOH-000280	PASSivation of Vulnerable plaques with Alirocumab in acuTE coronary syndrome (PASSIVATE)	Mark Chan Yan Yee	National University of Singapore

### Transition Award (TA) 18 November Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
TA18nov-0002	MOH-000249	Improved Detection of Glaucomatous Structural Damage using Wide-Field Optical Coherence Tomography	Jacqueline Chua	Singapore Eye Research Institute
TA18nov-0003	MOH-000268	Community-based Screening for Pathological Visual Impairment among Elderly Residents using Artificial-Intelligence Integrated Retinal Imaging	Tham Yih Chung	Singapore Eye Research Institute
TA18nov-0001	MOH-000269	The Skin Microbiome in Early Childhood Atopic Dermatitis	Elizabeth Tham	National University of Singapore
TA18nov-0007	MOH-000270	Neurocognitive development and human capital: The influence of digital media consumption on young children in Singapore	Evelyn Law Chung Ning	National University of Singapore

### Clinician Innovator Development Award (CIDA) 18 November Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CIA18nov-0010	MOH-000204	Reducing the harm of mechanical ventilation by using dialysis to remove carbon dioxide in the form of bicarbonate	Matthew Cove	National University of Singapore
CIA18nov-0011	MOH-000305	Development of a system comprising digital exhaled-breath carbon monoxide self-monitoring device linked to virtual smoking cessation coaching and virtual network of quit-supporters via social media	Tan Ngiap Chuan	SingHealth Polyclinics

### NMRC Research Training Fellowship (Fellowship) 18 November Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
FLWSHP18nov-0001	MOH-000176	Robotic Assessment of Optimal Graft Tension in Combined Anterior Cruciate Ligament and Anterolateral Ligament Reconstruction: A Human Cadaveric Biomechanical Study	Hamid Rahmatullah Bin Abd Razak	Sengkang General Hospital
FLWSHP18nov-0002	MOH-000195	Lysosomal Calcium Channels in Neurodegeneration and Cancer Therapeutics	Bryce Tan	National University of Singapore
FLWSHP18nov-0005	MOH-000182	Research Project Title: Youth Positive Mental Health: Getting the Full Picture	Janhavi Ajit Vaingankar	Institute of Mental Health
FLWSHP18nov-0009	MOH-000183	Obesity-Related Glycine Deficiency: Investigating A Longstanding Metabolic Paradox Using Bench and Bedside Approaches	Tan Hong Chang	Singapore General Hospital
FLWSHP18nov-0010	MOH-000194	Overcoming Resistance to Radioactive Iodine (RAI) Therapy in RAI-Refractory Advanced Thyroid Carcinoma	Yang Peiling	National University Hospital
FLWSHP18nov-0013	MOH-000193	Defining the gene-environment interactions between the normal PNPLA3 or I148M variant and diet in producing liver and adipose tissue pathology in DIAMOND mice humanized with PNPLA3	Mark Dhinesh Muthiah	National University Hospital
FLWSHP18nov-0014	MOH-000302	Immunosequencing and Deep Profiling of T-Cells in Children with Acute Lymphoblastic Leukemia (IMPACT)	Lee Hsien Ren Shawn	National University Hospital
FLWSHP18nov-0017	MOH-000261	Integrated Community Care Team to better meet the needs of Complex Patients in Primary Care	Koong Ying Leng Agnes	SingHealth Polyclinics
FLWSHP18nov-0018	MOH-000226	Understanding the Paradigm of Elderly and Middle-Age Onset of Diabetes	Low Kiat Mun, Serena	Admiralty Medical Centre