

## NMRC Awarded Projects Talent Development - November 2019 Grant Calls

### Singapore Translational Research Investigator Award (STaR) 19 November Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
STaR19nov-0001	MOH-000435	SINGAPORE ANGLE CLOSURE GLAUCOMA PROGRAM: FROM GENETICS TO PRECISION MEDICINE AND THERAPY	Aung Tin	Singapore Eye Research Institute
STaR19nov-0002	MOH-000493	An Artificial Intelligence-powered Approach to Precision Immunotherapy of Human Arthritis	Salvatore Albani	Singapore Health Services

### Clinician Scientist Award - Senior Investigator (CSASI) 19 November Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CSASI19nov-0001	MOH-000434	Multi-dimensional frailty in community-dwelling elderly – the Singapore Chinese Health Study	Koh Woon Puay	National University of Singapore

### Clinician Scientist Award - Investigator (CSAINV) 19 November Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CSAINV19nov-0002	MOH-000477	Optimising Surgical Management and Patient-related Outcomes of Epiretinal Membrane: Predictive Analytics and Randomised Trial	Cheung Ning	Singapore Eye Research Institute
CSAINV19nov-0004	MOH-000455	The role of uteroplacental inositol in inhibiting preterm labour-onset and rupture of membranes	Chan Shiao Yng	National University of Singapore
CSAINV19nov-0007	MOH-000456	To establish a predictive artificial intelligence (AI) based model using immune-phenotype correlation for disease stratification and prognosis in patients with ocular tuberculosis (OTB).	Rupesh Agrawal	Tan Tock Seng Hospital
CSAINV19nov-0008	MOH-000430	Th17 and natural killer cells as modulators of the central nervous system in childhood epilepsy	Derrick Chan	KK Women's & Children's Hospital
CSAINV19nov-0010	MOH-000490	Deciphering the tumor microenvironment of primary TKI resistant EGFR mutant NSCLC	Daniel Tan Shao Weng	National Cancer Centre Singapore

### Transition Award (TA) 19 November Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
TA19nov-0001	MOH-000446	Protein supplementation in critically ill children: A pilot randomized controlled trial	Lee Jan Hau	KK Women's & Children's Hospital
TA19nov-0002	MOH-000447	Using Novel imaging biomarkers to predict Vascular Endothelial Growth Factor inhibitor retreatment load for neovascular Age related Macular Degeneration	Teo Yi Chong Kelvin	Singapore Eye Research Institute
TA19nov-0008	MOH-000489	Profiling of circulating exosomes in ischemic stroke for a nanoplasmonic stroke diagnostic device.	Leonard Yeo	National University Hospital
TA19nov-0013	MOH-000448	Investigating the effect of adiposity on skin barrier function in a general population cohort	Yew Yik Weng	National Skin Centre

### NMRC Research Training Fellowship (Fellowship) 19 November Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
FLWSHP19nov-0001	MOH-000487	Spinal Cord-Computer Interfaces (SCCI): Restoring Volitional Motor Activity in a Murine Spinal Cord Injury Model	Jiang Lei	Singapore General Hospital
FLWSHP19nov-0004	MOH-000437	The Search for Pathophysiology of Small Fiber Neuropathy, with a focus on immunological and genetic mechanisms and interactions.	Amanda Chee Yun Chan	National University Hospital
FLWSHP19nov-0005	MOH-000436	Role of Primary Care Networks in Diabetes Care Delivery in Singapore	Goh Lay Hoon	National University Hospital
FLWSHP19nov-0007	MOH-000431	Digital technology solutions to improve the vision-specific quality of life and social engagement in the visual impaired older population- a pilot study	Tan Cheng Sim Anna	Singapore Eye Research Institute
FLWSHP19nov-0012	-	Immunosequencing and Deep Profiling of T-Cells in Children with Acute Lymphoblastic Leukemia (IMPACT)	Lee Hsien Ren Shawn	National University Hospital
FLWSHP19nov-0013	MOH-000595	A Novel RNA based approach to NAFLD Hepatocellular Carcinoma Oncogenesis	Huang Qingyao Daniel	National University Hospital
FLWSHP19nov-0015	MOH-000764	Evaluating and Decreasing the Socio-Economical Burden of Wound Care in Singapore through Health Systems Innovations and Health Literacy	Lo Zhiwen	Tan Tock Seng Hospital