

## NMRC Awarded Projects Talent Development - May 2018 Grant Calls

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

Application ID	Project ID	Project Title	PI name	Host institution
STaR18may-0003	MOH-000155	Understanding and targeting Wnt signaling	David M. Virshup	Duke-NUS Medical School
STaR18may-0004	MOH-000149	Expansion of hematopoietic stem cells by the modulation of mitochondrial metabolism	Toshio Suda	National University of Singapore
STaR18may-0006	MOH-000052	Laminin-based Human Embryonic Stem Cell Differentiation and Cell Therapy Approaches for Diabetic Complications	Karl Tryggvason	Duke-NUS Medical School

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

Application ID	Project ID	Project Title	PI name	Host institution
CSASI18may-0002	MOH-000135	Enabling a molecular approach to live attenuated flaviviral vaccine development	Ooi Eng Eong	Duke-NUS Medical School
CSASI18may-0001	MOH-000154	A Cardiosleep Research Program on Obstructive Sleep Apnea, Blood Pressure Control and Maladaptive Myocardial Remodeling	Ronald Lee Chi-Hang	National University Hospital
CSASI18may-0004	MOH-000059	Studies in Chronic Myeloid Leukaemia	Ong Sin Tiong	Duke-NUS Medical School
CSASI18may-0006	MOH-000108	Dissecting the role of long noncoding RNA product SGHRT and targeting it for heart failure	Roger Foo	National University of Singapore
CSASI18may-0003	MOH-000277	Ma-Spore ALL-Seq 2020: RNA-Seq and IgH/TCR-Seq to improve risk assignment in childhood, adolescent and young adult acute lymphoblastic leukaemia	Allen Yeoh Eng Juh	National University of Singapore

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

Application ID	Project ID	Project Title	PI name	Host institution
CSAINV18may-0012	MOH-000153	TO-ChERISH: Trajectory of Cardiovascular Ageing, Its Determinants and Impact on Health	Angela Koh Su-Mei	National Heart Centre Singapore
CSAINV18may-0009	MOH-000152	The IFIT Family in Breast Cancer: Evaluation of Expression Patterns, Functional Roles and Potential Use as Prognostic Indicators	George Yip	National University of Singapore
CSAINV18may-0011	MOH-000151	Scleral Biomechanical Properties in Pathologic Myopia and Myopic Glaucoma	Quan V. Hoang	Singapore Eye Research Institute
CSAINV18may-0007	MOH-000150	Patient, Physician, and Organizational Factors Influencing Decision-Making for Antibiotic Use, and N-of-1 Trials of Interventions to Improve the Decision-Making	Angela Chow	Tan Tock Seng Hospital

### Clinician Innovator Award (CIA) 18 June Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CIA18Jun-0007	MOH-CIA18Jun-0001	Development of a Programmable Chest/Abdominal Drain Fluid Regulator to Reduce Morbidity, Care Requirements and Improve Outcomes	Quah Lishan Jessica	Changi General Hospital
CIA18Jun-0003	MOH-CIA18Jun-0002	Artificial Intelligence Software for Emergency Neuro-radiological Diagnosis	Ng Wai Hoe	National Neuroscience Institute

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

Application ID	Project ID	Project Title	PI name	Host institution
TA18may-0001	MOH-000167	A study to identify markers of early retinal cell fate commitment in pluripotent stem cells in vitro.	Shweta Singhal	Singapore Eye Research Institute
TA18may-0005	MOH-000156	Wnt pathway in synovial sarcoma: Implications for therapy	Victor Lee Kwan Min	National University of Singapore
TA18may-0007	MOH-000160	Innovative Tele-monitored Home-Based Program for Post Total Knee Replacement Rehabilitation: A Noninferiority Randomized Controlled Trial	Pua Yong Hao	Singapore General Hospital
TA18may-0011	MOH-000100	Pre-empting renal injury ensuing drugs by elucidating microRNA and proteomics of renal tubular dysfunction at its earliest (PRE-EMPTII study)	Chua Horng Ruey	National University Hospital
TA18may-0012	MOH-000175	Alpha-synuclein Gene Promoter (Rep1) Polymorphism and Cognitive Decline in Parkinson's Disease	Adeline Ng	National Neuroscience Institute

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

Application ID	Project ID	Project Title	PI name	Host institution
FLWSHP18may-0004	MOH-000051	Treating Non-Alcoholic Fatty Liver Disease through Modification of Microbiome-modulated Metabolites	Lee Wei Jie Jonathan	National University Hospital
FLWSHP18may-0001	MOH-000011	The application of Terahertz scanning system on the evaluation of corneal opacities	Liu Yu-Chi	Singapore Eye Research Institute
FLWSHP18may-0003	MOH-000166	Somatostatin receptor theragnostics in Nasopharyngeal cancer	Nei Wen-Long	National Cancer Centre
FLWSHP18may-0005	MOH-000198	S.P.A.R.T.A.N trial Sarcopenia Prevention And Reversal with physical Training And Nutrition in distal radius fracture patients	Yam Gui Jie Michael	Tan Tock Seng Hospital
FLWSHP18may-0006	MOH-000257	Collaborative Model of Care between Orthopaedics and Allied Healthcare Professionals (CONNECT)	Tan Yijia, Bryan	Tan Tock Seng Hospital
FLWSHP18may-0008	MOH-000148	Investigation Of Environmental, Genetic And Gut Microbial Factors Underlying Obesity Amongst Chinese, Malay And Indians In Singapore	Lam Chih Chiang, Benjamin	Khoo Teck Puat Hospital