

NMRC Awarded Projects Talent Development - June 2021 Grant Calls

Singapore Translational Research Investigator Award (STaR) 21 June Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
STaR21jun-0003	MOH-000967	Functional Epigenomic Interrogation of Altered Chromatin States in Gastrointestinal Cancer	Patrick Tan	Duke-NUS Medical School
STaR21jun-0005	MOH-000982	Future-Ready Interventions for Survival after Cardiac Arrest (FRISCA)	Marcus Ong	Singapore General Hospital
STaR21jun-0006	MOH-000996	New treatments and strategies to prevent heart failure in diabetes	Derek John Hausenloy	Duke-NUS Medical School

Clinician Scientist Award - Senior Investigator (CSASI) 21 June Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CSASI21jun-0003	MOH-001006	DEVELOPMENT OF NOVEL THERAPEUTICS AND PREDICTIVE BIOMARKERS IN GYNAECOLOGICAL CANCERS	David Tan Shao Peng	National University Hospital
CSASI21jun-0004	MOH-001044	Precision Therapy for Gastric and Hepatocellular Cancer	Yong Wei Peng	National University Hospital
CSASI21jun-0005	MOH-001049	Prognostic significance of RNA signatures to predict major complications following acute reperfusion treatment for ischemic stroke	Raymond Seet	National University of Singapore
CSASI21jun-0006	MOH-001048	The role of G6PC2 in glucose homeostasis and diabetes in East Asians	Tai E Shyong	National University of Singapore

Clinician Scientist Award - Investigator (CSAINV) 21 June Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CSAINV21jun-0001	MOH-000997	Risk Stratification of Neuropathic Ocular Surface Dysfunction Using Neural Imaging Metrics, Molecular Biomarkers, and Artificial Intelligence	Liu Yu Chi	Singapore Eye Research Institute
CSAINV21jun-0002	MOH-001047	Prognostic significance of novel multimodal imaging for diabetic retinopathy: Can we improve diabetic retinopathy staging?	Gavin Siew Wei Tan	Singapore Eye Research Institute
CSAINV21jun-0003	MOH-001005	SUREFIND-NDD: Singapore Undiagnosed Disease Research Endeavour For Identification of Novel genetic Discoveries in NeuroDevelopmental Disorders	Saumya Shekhar Jamuar	KK Women's & Children's Hospital
CSAINV21jun-0008	MOH-001045	Integrated Psychological Program for Management of Postnatal Depression and Persistent Postpartum Pain after Childbirth CODEPAD – II (Collaborative Outcomes of DEpression and Pain Associated with Delivery- II)	Sng Ban Leong	KK Women's & Children's Hospital

HPHSR Clinician Scientist Award - Investigator (HCSAINV) 21 June Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
HCSAINV21jun-0001	MOH-001019	Refinement and Prospective Validation of a Deep Learning Algorithm for Detecting Chronic Kidney Disease Using Retinal Images (RetiKid)	Charumathi Sabanayagam	Singapore Eye Research Institute
HCSAINV21jun-0003	MOH-001031	Development and evaluation of ACP-HEART: A randomized controlled trial	Chetna Malhotra	Duke-NUS Medical School
HCSAINV21jun-0004	MOH-001032	EMPOWERing Patients with Type 2 Diabetes Mellitus (T2DM) in Primary Care through App-based Motivational Interviewing PLUS Artificial Intelligence powered Diabetes Management (EMPOWER-PLUS) – A Pragmatic Randomised Controlled Trial	Low Lian Leng	Singapore Health Services

Clinician Innovator Award (CIA) 21 June Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CIAINV21jun-0004	MOH-001043	Developing community-friendly diagnostics for glaucoma monitoring	Victor Koh Teck Chang	National University Hospital
CIAINV21jun-0005	MOH-001042	Leveraging Artificial Intelligence for Risk Assessment of Renal Masses in Radiologic Images	Shum Cheuk Fan	Woodlands Health Campus

Transition Award (TA) 21 June Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
TA21jun-0002	MOH-000943	T-cell Immunity in Persistent Human Papillomavirus (HPV) Skin Infection and Cutaneous Squamous Cell Carcinoma (cSCC) among Organ Transplant Recipients (OTRs)	Oh Choon Chiat	Singapore General Hospital
TA21jun-0003	MOH-000884	Widefield and Multi-modal Corneal Imaging to Investigate Corneal Endothelial Cell Loss following Descemet Membrane Endothelial Keratoplasty (DMEK)	Ang Han Nian Marcus	Singapore Eye Research Institute
TA21jun-0005	MOH-000873	Understanding Therapeutic Resistance in Gastrointestinal Stromal Tumors Beyond Genomics	Jason Chan	National Cancer Centre Singapore
TA21jun-0012	MOH-000929	Using 11C-Metomidate PET-CT in Primary Aldosteronism To Identify Curable Hypertension due to an Aldosterone-producing Adenoma	Puar Hai Kiat	Changi General Hospital

NMRC Research Training Fellowship (Fellowship) 21 June Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
RTF21jun-0002	MOH-001051	Pilot study of a “Fast Acting Fentanyl Sublingual Tablet (Abstral) for the Prophylactic Treatment of Episodic Activity Induced Dyspnea in Asian Cancer Patients”	Neo Hui Shan Shirley	National Cancer Centre Singapore
RTF21jun-0009	MOH-001056	A new model for glaucoma screening and management of stable glaucoma patients in the community in Singapore– learning from experience in the UK.	Pin Miao Fiona	Singapore Eye Research Institute
RTF21jun-0011	MOH-001052	Neurobiology of Obesity: The role of the prefrontal cortex in mediating childhood obesity risk through changes in executive function and alterations in eating behaviours	Nicholas Ng Beng Hui	National University Hospital
RTF21jun-0012	MOH-001061	Identifying exosome biomarkers of response in Epidermal Growth Factor Receptor (EGFR) mutated lung cancer	Yvonne Ang	National University Hospital
RTF21jun-0014	MOH-001059	COVID-19 Vaccine Response Across the Ages	Vanda Ho	National University Hospital
RTF21jun-0016	MOH-001057	Discordant symptom burden and severity grading in dermatology, a mixed-methods sequential exploratory study	Choi Ci En Ellie	National University Hospital
RTF21jun-0017	MOH-001066	Evaluating the Host Microbiome and Cytokine Dysregulation as Predictive factors for Response to Anti CD38 monoclonal antibody-based therapy in Multiple Myeloma	Widanalage Sanjay Prasad de Mel	National University Hospital
RTF21jun-0018	MOH-001053	Validation of Donor-derived Cell-free DNA in the Detection of Kidney Allograft Rejection in a Singapore Cohort of Asian Kidney Transplant Recipients Late Post-Transplantation	Wong Tsz Yeung, Emmett	National University Hospital
RTF21jun-0021	MOH-001055	Increasing uptake of cascade testing in families with familial cancer syndromes: A randomized controlled trial of a registry-aided outreach model.	Chiang Jianbang	National Cancer Centre Singapore
RTF21jun-0022	MOH-001050	Characterisation of Stool Microbiome in advanced HCC patients receiving Immune Checkpoint Inhibitors	Joycelyn Lee Jie Xin	National Cancer Centre Singapore
RTF21jun-0023	MOH-001062	Neoantigen screening and validation using engineered artificial reporter cell and artificial antigen presenting cell (aAPC) platform in patients receiving adjuvant dendritic cell vaccine and anti-PD1 therapy (nivolumab) post resection of colorectal cancer with liver-limited metastases (CRLM) and hepatocellular carcinoma (HCC)	Han Shuting	National Cancer Centre Singapore

RTF21jun-0024	MOH-001058	Homologous recombination deficiency (HRD) in platinum sensitive triple negative breast cancer (TNBC)	Tan Jing Ying Tira	National Cancer Centre Singapore
RTF21jun-0028	MOH-001054	Real-World Validation of an Artificial Intelligence Characterization Support (CADx) System for Prediction of Polyp Histology in Colonoscopy: A Prospective Study	LI WEIQUN JAMES	Changi General Hospital
RTF21jun-0025	MOH-001060	Molecular Characterisation and Biomarkers in Detection of Patients with Increased Risk of Oesophageal Cancer	Lim Hui Jun	Singapore General Hospital
RTF21jun-0034	MOH-001075	Collaborative Model of Care between Orthopaedics and Allied Healthcare Professionals (CONNECT)	Tan Yijia Bryan	Woodlandshealth Pte Ltd