

NMRC Awarded Projects Talent Development - January 2023 Grant Calls

Singapore Translational Research Investigator Award (STaR) 23 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
STaR23jan-0001	MOH-001442	Investigating Therapeutic Targets in Parkinson's disease	Tan Eng King	National Neuroscience Institute
STaR23jan-0004	MOH-001416	Singapore Oral Population Health Initiative (SOPI): hypothesis-driven research to inform policymakers and health professionals and improve the oral health of Singaporeans	Marco Peres	National Dental Centre Singapore

Clinician Scientist Award - Senior Investigator (CSASI) 23 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CSASI23jan-0001	MOH-001363	Detection and optimization of treatment of severe cases of dry eye disease	Louis-Marie Grignion Tong Hak Tien	Singapore Eye Research Institute
CSASI23jan-0003	MOH-001364	Adipocyte browning by near infrared or alternating magnetic field exposure on subcutaneously implanted nanomaterials containing chemical agents (ANTENNA)	Leow Khee Shing Melvin	Tan Tock Seng Hospital
CSASI23jan-0004	MOH-001413	Nanoparticle mediated complete synthesis of biological therapeutics	Chester Lee Drum	National University of Singapore

Clinician Scientist Award - Investigator (CSAINV) 23 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CSAINV23jan-0001	MOH-001352	Cardiac Remodeling and Heart Failure Progression in Patients with Type 2 Diabetes Mellitus and Co-existing Hypertension (REMODEL-2)	Calvin Chin	National Heart Centre Singapore
CSAINV23jan-0002	MOH-001415	A bioengineered probiotic approach for immunoregulation and restoration of skin barrier function in Atopic Dermatitis	Tham Huiwen Elizabeth	National University of Singapore
CSAINV23jan-0004	MOH-001366	The role of primary angle-closure glaucoma (PACG) susceptibility gene, EPDR1 in clinical PACG severity and intraocular pressure susceptibility	Anita Chan	Singapore Eye Research Institute
CSAINV23jan-0005	MOH-001365	Targeting Novel Macular Pigment Analysis and Therapy to Improve Vision-Related and Patient-Centred Outcomes for Epiretinal Membrane Surgery	Cheung Ning	Singapore Eye Research Institute
CSAINV23jan-0006	MOH-001414	Genetics of Treatment Resistance in Schizophrenia	Jimmy Lee	Institute of Mental Health

HPHSR Clinician Scientist Award - Senior Investigator (HCSASI) 23 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
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HPHSR Clinician Scientist Award - Investigator (HCSAINV) 23 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
HCSAINV23jan-0001	MOH-001421	ENABLE-SG (Educate, Nurture, Advise, Before Life Ends for Singapore) as a proactive palliative care model: Evaluation and implementation preparation	Yang Meijuan Grace	National Cancer Centre Singapore
HCSAINV23jan-0002	MOH-001435	Potential of Interface Care models to deliver more appropriate care to patients with acute medical illness in Singapore and decrease utilisation of acute care bed-days.	John Soong Tshon Yit	National University Hospital
HCSAINV23jan-0003	MOH-001420	Development and preliminary evaluation of a brief Stepped-care Telehealth Early intervention Protocol for Adolescent (STEP-A) emergency department patients with panic-related anxiety: An early stage multi-site single-arm hybrid effectiveness/implementation trial in Singapore	Sharon Sung	Duke-NUS Medical School

Clinician Innovator Award (CIA) 23 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CIAINV23jan-0001	MOH-001405	Deep learning pipeline for augmented reporting of MRI whole spine	James Thomas Patrick Decourcy Hallinan	National University Hospital
CIAINV23jan-0002	MOH-001406	Reducing false-positive diagnoses and biopsies from breast screening: a novel noninvasive and clinically integrable ultrasound-guided optoacoustic imaging	Goh Yong Geng	National University Hospital
CIAINV23jan-0004	MOH-001407	Continuous non-invasive haemodynamic monitoring	Lim Yinghao	National University Hospital

Transition Award (TA) 23 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
TA23jan-0004	MOH-001434	WORKING TOWARDS NEXT-GENERATION ALLOGENEIC CAR-T THERAPIES FOR RELAPSED/REFRACTORY NEUROBLASTOMA AND OTHER CHILDHOOD CANCERS	Michaela Seng Su-fern	KK Women's & Children's Hospital
TA23jan-0005	MOH-001367	Evaluating the Role of Tumour-Associated Macrophages in the Response to Anti-CD38 Monoclonal Antibody Therapy in Multiple Myeloma	Widanalage Sanjay Prasad de Mel	National University Hospital
TA23jan-0007	MOH-001422	Gastric Bypass via Natural Orifice Trans-luminal Endoscopic Surgical (NOTES) approach: Towards clinical translation	Lim Chin Hong	Singapore General Hospital
TA23jan-0009	MOH-001368	Thromboinflammation and Cerebral Dysfunction following Acute Myocardial Infarction (TICAMI) Study	Sia Ching Hui (She Zhenghui)	National University Hospital
TA23jan-0013	MOH-001369	The Efficacy and Mechanism of Controlled Microtrauma on Human Hair Regrowth and Regeneration	Etienne Wang	National Skin Centre

NMRC Research Training Fellowship (Fellowship) 23 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
RTF23jan-0001	MOH-001382	Towards Precision Medicine in Systemic Sclerosis: Identification of Immune Signatures Associated with Disease Activity and Predictive of Treatment Response in the Systemic Sclerosis Cohort Singapore	Maria Noviani	Singapore General Hospital
RTF23jan-0002	MOH-001409	SB: Singapore Biodesign Innovation Fellowship Training Programme	Jocelyn Chew	National University of Singapore
RTF23jan-0004	MOH-001412	ENDocuff and Computer Aided Detection of polyps in colonoscopy (ENCAD)	Lin Weicong, Kenneth	Changi General Hospital
RTF23jan-0008	MOH-001404	The relationship between gut microbiome and tumour microenvironment through different phases of colorectal cancer progression	Ian Wee Jun Yan	Singapore General Hospital
RTF23jan-0009	MOH-001403	THE GENESIS STUDY – discoverinG novEl blood-based biomarkers aNd protEomic SignatureS of neurocognition and aging	Ming Ann Sim	National University Hospital
RTF23jan-0010	MOH-001381	Immunoprofiling and Microbiome Analysis of Gestational Immunity For Transfer cohort Against Common Neonatal Respiratory Pathogens	Low Jia Ming	National University Hospital
RTF23jan-0012	MOH-001423	Singapore Biodesign Innovation Fellowship Training Programme	Clara Nghoh	National University Hospital
RTF23jan-0013	MOH-001445	Health Technology Assessment of Population Oral Health Strategies	Tan Hui Xuan Sharon	National University of Singapore
RTF23jan-0014	MOH-001411	The adOlescent Acne STudy (TOAST): assessing quality of life and improving management	Lee Yuexian, Elis	KK Women's and Children's Hospital

RTF23jan-0018	MOH-001383	Decoding cortical and spinal signals through ultrafast functional ultrasound neural interface	Lo Yu Tung	National Neuroscience Institute
RTF23jan-0019	MOH-001433	SB: Singapore Biodesign Innovation Fellowship Training Programme	Ooi Su Kai Gideon (Huang Shukai)	National Cancer Centre Singapore
RTF23jan-0022	MOH-001410	Muscle Quality Assessment in Sarcopenia: Examining the role of shear wave elastography in sarcopenia assessment and diagnosis	Chia Jia Qian	Tan Tock Seng Hospital
RTF23jan-0026	MOH-001408	Understanding the trans-kingdom metagenomic interactions of the human microbiome on obesity and metabolic syndrome	Chue Koy Min	Sengkang General Hospital