

NMRC Awarded Projects Talent Development - January 2024 Grant Calls

Singapore Translational Research Investigator Award (STaR) 24 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
STaR24jan-0004	MOH-001633	T cell receptor mediated immune therapy in chronic hepatitis B and hepatocellularcarcinoma	Antonio Bertoletti	Duke-NUS Medical School
STaR24jan-0005	MOH-001634	Elucidating the pathogenic mechanism and evaluate management strategies of 'Pachychoroid disease spectrum'	Gemmy Cheung	Singapore Eye Research Institute

Clinician Scientist Award - Senior Investigator (CSASI) 24 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CSASI24jan-0003	MOH-001629	Insights into the Pathobiology of Cerebral White Matter Disease in Mild Cognitive Impairment and Prevention Strategies with Pharmacological and Digital-Artificial Intelligence	Nagaendran Kandiah	Nanyang Technological University
CSASI24jan-0007	MOH-001630	Antenatal Myo-inositol supplementation in pre-existing diabetes to promote healthy neonatal outcomes (AMulet study)	Chan Shiao Yng	National University of Singapore
CSASI24jan-0008	MOH-001568	Elucidating the evolutionary drivers of resistance to kinase inhibitors	Daniel Tan Shao Weng	National Cancer Centre Singapore

Clinician Scientist Award - Investigator (CSAINV) 24 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CSAINV24jan-0001	MOH-001632	Risk Factors for Structural and Functional Losses Associated with Myopia-Associated Optic Neuropathy	Rachel Chong Shujuan	Singapore Eye Research Institute
CSAINV24jan-0002	MOH-001631	Dissecting the role of immune-endothelial interactions and portal hypertension in driving patients with metabolic dysfunction-associated steatohepatitis (MASH) advanced fibrosis to decompensated cirrhosis	Mark Dhinesh Muthiah	National University Hospital
CSAINV24jan-0005	MOH-001569	Heart-Brain Connection for Vascular and Cognitive Health	Dong Yanhong	National University of Singapore

HPHSR Clinician Scientist Award - Senior Investigator (HCSASI) 24 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
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HPHSR Clinician Scientist Award - Investigator (HCSAINV) 24 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
HCSAINV24jan-0001	-	Direct Admission from Primary Care to Hospital-at-Home: An Implementation Evaluation	Stephanie Ko Qianwen	National University Hospital
HCSAINV24jan-0003	-	Dose-response Effect of Community Dance Programme on the Physical, Cognitive, Psychosocial Health of Pre-frail Older Adults: A Cluster Randomised Trial with Co-design Approach and Process Evaluation	Wu Xi Vivien	National University of Singapore
HCSAINV24jan-0005	-	Bringing about Optimal weight loss Outcomes through dietary and weight management Support driven by generative artificial intelligence Technology (BOOST-AI): A pragmatic randomised controlled study in type 2 diabetes	Sabrina Wong Kay Wye	National Healthcare Group Polyclinics

Clinician Innovator Award - Senior Investigator (CIASI) 24 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CIASI24jan-0001	-	Longitudinal exploration of Extracardiac Adipose tissue and coronary Plaque (LEAP)	Zhong Liang	National Heart Centre Singapore

Clinician Innovator Award - Investigator (CIAINV) 24 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
CIAINV24jan-0001	-	A Novel Device to Regulate Drainage of Cerebrospinal Fluid (CSF) from External Ventricular Drain	Ling Ji Min	National Neuroscience Institute
CIAINV24jan-0003	-	Optimising and assessing electrical stimulation of the Optic nerve in comparison with visual stimulation for diagnostic and monitoring of ocular disease – the AESON Study	Lim Pin Miao Fiona	Singapore National Eye Centre
CIAINV24jan-0004	-	Developing a renal detection system for early and accurate detection of silent kidney injury in obesity using shear wave elastography (ReELASTO study)	Clara Nghoh Lee Ying	National University Hospital

Transition Award (TA) 24 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
TA24jan-0008	MOH-001513	Individualized profiling Of Recurrence risk using Multiomics for EGFR-mutated non-small cell lung cancer (INFORM-EGFR)	Saw Pei Li Stephanie	National Cancer Centre Singapore
TA24jan-0007	MOH-001579	Evaluating a screening instrument for the early identification of autism spectrum disorder among young children in Singapore	Aishworiya Ramkumar	National University Hospital
TA24jan-0006	MOH-001527	Defining innate immune drivers of T cell responses to mRNA vaccination in children	Zhong Youjia	National University of Singapore
TA24jan-0010	MOH-001566	From Nonalcoholic Steatohepatitis to Hepatocellular Carcinoma: Investigating the Molecular Mechanisms for Biomarker Development and Therapeutic Insights	Huang Qing Yao Daniel	National University Hospital
TA24jan-0009	MOH-001541	IMMUNE-mediated diseases: Epigenetic Prediction, biomarker Identification and Novel Therapeutics (IMMUNEPRINT)	Tay Sen Hee Frank	National University Hospital
TA24jan-0002	MOH-001537	Associations of metabolic indicators and circadian behaviour changes with reproductive outcomes in overweight and obese women who are trying to conceive	Loy See Ling	KK Women's and Children's Hospital

NMRC Research Training Fellowship (Fellowship) 24 January Grant Call

Application ID	Project ID	Project Title	PI name	Host institution
RTF24jan-0005	-	Advancing precision neuromodulation through individualised brain maps using functional connectivity and in-vivo electrophysiology	Mervyn Lim Jun Rui	National University Hospital
RTF24jan-0012	-	HARnessing the MicrObiome to improve therapeutic outcomes in caNcer patients receiving immunotherapY (HARMONY)	Joycelyn Lee Jie Xin	National Cancer Centre Singapore
RTF24jan-0002	-	A Comprehensive Assessment of Lipoprotein(a) [Lp(a)] in Cardiovascular Risk Prediction, Management, and Detection – to facilitate the formulation of a model of care for Lp(a).	Loh Wann Jia	Changi General Hospital
RTF24jan-0008	-	Application of Artificial Intelligence to Improve Patient Care and Resource Allocation in Obstetric Medicine	Li Weiling Sarah	National University Hospital
RTF24jan-0022	-	Optimizing Preoperative Screening and Intervention Strategies for Glycemic Control in Surgical Patients: A Comprehensive Analysis for Enhanced Population Health	Roderica Ng	Singapore General Hospital
RTF24jan-0007	-	Utilising Electronic Health Records Data to Determine Periodontitis Treatment Trajectories in People Suffering from Severe Periodontitis and Its Association with Systemic Multimorbidity Clustering	Tay Rong Hao John	National Dental Centre Singapore
RTF24jan-0003	-	Developing methods to reduce functional loss in Transplant kidney: using non-invasive Shear Wave Elastography as a predictive tool	Azizah Binte Mohamed Afif	Singapore General Hospital
RTF24jan-0006	-	Evaluating the clinical applicability of flow-mediated dilation of the brachial artery as a marker of endothelial function	Chee Ying Jie	Tan Tock Seng Hospital
RTF24jan-0010	-	Identifying laboratory biomarkers and microbiological correlates that prognosticate and monitor the clinical course of Guillain-Barré Syndrome	Lim Sheng Jie Christen	National Neuroscience Institute
RTF24jan-0013	-	Longitudinal analysis of non-motor symptoms in Parkinson's disease	Hoe Hui Min Rebecca	National Neuroscience Institute
RTF24jan-0020	-	Utility of DNA Methylation Markers in Biliary Brush Cytology and Bile Sample in Malignant Biliary Stricture	Lim Kim Wei	Singapore General Hospital
RTF24jan-0017	-	SB: Singapore Biodesign Innovation Fellowship Training Programme	Fan Bingwen Eugene	Tan Tock Seng Hospital
RTF24jan-0023	-	SB: Singapore Biodesign Innovation Fellowship Training Programme	Lim Shi Zhong Nigel	Ng Teng Fong General Hospital
RTF24jan-0024	-	SB: Singapore Biodesign Innovation Fellowship Training Programme	Clement Chia Luck Khng	Khoo Teck Puat Hospital