

Active Pilot Project Awards 2017-2018

Duke Faculty	Duke Department	Duke-NUS SingHealth Faculty	Singapore Program	Title
Sallie Permar , M.D., Ph.D. Professor	EID	Ooi Eng Eong , Ph.D. Professor	Duke-NUS	Relationship between Maternal Humoral Immunity and Fetal Outcome of Maternal Zika Virus Infection
Xian Ying , Ph.D., B.M. Associate Professor	Department of Neurology	Deidre De Silva , Ph.D. Associate Professor	NNI	Improving Door-To-Needle Times for Tissue Plasminogen Activator Administration in Acute Ischemic Stroke in Singapore: A Pilot Study
Ashraf Habib , M.B.B.Ch. Professor	Women's Anesthesia	Sng Ban Leong , Ph.D. Associate Professor	KKH	Evaluation and Risk Assessment for Persistent Postsurgical Pain after Breast Surgery: A Collaborative Prospective Cohort Study
Stuart Knechtle , M.D. Professor	Renal and Transplant	Kee Yi Shern Terence , Ph.D. Adj Assistant Professor	SGH	Immune Profile of Race and Rejection after Kidney Transplantation
Lori Orlando , M.D., M.H.S. Associate Professor	HSSR	Wu Rebekah Ryanne , Ph.D. Professor David Matchar , Ph.D. Professor	Duke-NUS	Development and Clinical Implementation Pilot of an Oncology-Specific Risk Assessment Tool in Singapore
Keith Sullivan , M.D. Professor	Haematology	Ngeow Yuen Yie Joanne , Ph.D. Assistant Professor	NCCS	Development and Clinical Implementation Pilot of an Oncology-Specific Risk Assessment Tool in Singapore
Keith Sullivan , M.D. Professor	Haematology	Nicholas F. Grigoropoulos , Ph.D. Assistant Professor	SGH	Investigation of Clonal Hematopoiesis as a Risk Factor for Therapy-Related Myelodysplastic Syndrome and Acute Myeloid Leukemia in Patients with System Sclerosis Undergoing Myeloablative Autologous Hematopoietic Stem Cell Transplantation

Duke Faculty	Duke Department	Duke-NUS SingHealth Faculty	Singapore Program	Title
Palen Mallory, M.D. Assistant Professor	Children's Intensive Care Unit	Lee Jan Hau, Ph.D. Assistant Professor	KKH	Association between Nutritional Adequacy, Muscle Wasting and Functional Outcomes in Children Supported on Extracorporeal Membrane Oxygenation: A Dual-Center Cohort Study
Anthony Nanlin Kuo, M.D. Associate Professor	Ophthalmology	Leopold Schmetterer, Ph.D. Professor	SERI	Innovations in High Resolution Corneal Imaging for the Clinic
Charles Gersbach, Ph.D. Associate Professor	CVMD	Owen Rackham, Ph.D. Assistant Professor	Duke-NUS	A Predictive Computational Framework for Targeted Epigenome Editing
Micah Luftig, Ph.D. Associate Professor	CSCB	Patrick Tan, Ph.D. Professor	Duke-NUS	Development and Characterisation of Preclinical Models for EBV-Associated Gastric Cancer
Xiao-Fan Wang, Ph.D. Professor	Division of Medical Oncology	Toh Han Chong, Ph.D. Associate Professor	NCCS	Systemic T Cell Receptor Repertoire Profiling and Cloning to Improve Therapeutic Outcomes in Advanced EBV Specific Nasopharyngeal Carcinoma
David Shiao-wen Hsu, M.D. Associate Professor	CSCB	Babita Madan, Ph.D. Assistant Professor	Duke-NUS	Exploiting Wnt Dependencies in Platinum Resistant Cancers
Wang Donghai, Ph.D. Assistant Professor	EID	Ooi Eng Eong, Ph.D. Professor	Duke-NUS	Modulation of the Efficacy and Safety of Live Attenuated Yellow Fever Virus Vaccine by the Cholesterol Biosynthesis Pathway
Christopher Counter, Ph.D. Professor	CSCB	Ong Sin Tiong, Ph.D. Associate Professor	Duke-NUS	Elucidating the Mechanism by which the Splicing Factor SRSF1 Imparts Resistance to Tyrosine Kinase Inhibitors in Chronic Myeloid Leukemia

Duke Faculty	Duke Department	Duke-NUS SingHealth Faculty	Singapore Program	Title
Matthew Hirschey, Ph.D. Associate Professor	Laboratory of Metabolic Medicine	Han Weiping, Ph.D. Professor	SBIC, A*STAR	Activation of BCAA Catabolism as a Therapeutic Strategy in Cancer
Brant Inman, Ph.D. Associate Professor	CSCB	Steven Rozen, Ph.D. Professor	Duke-NUS	Comprehensive Genomic Profiling to Determine the Clonal Origin and Genetic Evolution of Recurrent Urothelial Carcinoma