

Active Pilot Project Awards 2016-2017

Duke Faculty	Duke Department	Duke-NUS SingHealth Faculty	Singapore Program	Title
Vadim Y. Arshavsky, Ph.D. Professor	CVMD	David L. Silver, Ph.D. Professor	Duke-NUS	The Role of Docosahexaenoic Acid (DHA) in Supporting Retinal Function
Ashutosh Chilkoti, Ph.D. Professor	EID	Wang Linfa, Ph.D. Professor	Duke-NUS	Field-based Diagnostics for Rapid Detection of Middle Eastern Respiratory Syndrome (MERS) Coronavirus Infection
Sarah Sammons, M.D. Assistant Professor	Division of Medical Oncology	Rebecca A. Dent, Ph.D. Associate Professor/AMRI	NCCS	Homologous Recombination Deficiency and Immune Biomarker to Predict Outcomes in Patients with Triple Negative Breast Cancer Treated with Olaparib or Olaparib-Immunotherapy Combinations
Glenn Jaffe, M.D. Professor	Retina Research Group	Cheung Chui Ming, Gemmy, Ph.D. Associate Professor	SERI	To Develop and Validate Imaging Biomarkers to Predict Morphological and Functional Outcome in Asian Patients with Neovascular Age-related Macular Degeneration, and to Evaluate the Impact of Genetic Polymorphisms on these Imaging Parameters
Tamara J. Somers, Ph.D. Associate Professor	HSSR	Teo Eng Ai Irene, Ph.D. Assistant Professor	Duke-NUS	Feasibility and Acceptability of A Behavioural Symptom Management Programme for Patients with Advanced Breast Cancer in Singapore and the US
Brenda Plassman, Ph.D. Professor	Clinical-Restorative Dentistry	Teoh Khim Hean, Ph.D. Adjunct Associate Professor	NDCS	Developing A Behavioural Intervention to Improve Oral Health for Persons with Cognitive Impairment

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Brenda Plassman, Ph.D. Professor	HSSR	Chan Wei-Ming, Angeliqye, Ph.D. Associate Professor	Duke-NUS	Developing A Behavioural Intervention to Improve Oral Health for Persons with Cognitive Impairment
Yao Tso-Pang, Ph.D. Professor	Neurodegenerati on Research Laboratory	Lim Kah Leong, Ph.D. Associate Professor	NNI	Elucidating the Novel Functional Relationship between Parkin and Lipoprotein Lipase – Implications for Parkinson’s Disease
Susan B. Gurley, M.D., Ph.D. Professor	CVMD	Jean-Paul Kovalik, Ph.D. Assistant Professor	Duke-NUS	Fatty Acid Oxidation Pathways in Diabetic Nephropathy
Christopher V. Nicchitta, Ph.D. Professor	EID	Subhash Vasudevan, Ph.D. Professor	Duke-NUS	High Resolution Genomic Imaging of Host Cell and Viral Transcriptome Expression in Dengue Infection
Hans E. Hohmeier, M.D., Ph.D. Associate Professor	CVMD	Karl Tryggvason, Ph.D. Professor	Duke-NUS	An Integrated Approach for Expansion of Functional Human Islet b- Cell Mass
Heather Whitson, M.D., M.H.S. Professor	CS	Wong Tien Yin, Ph.D. Professor	SERI	Ocular Markers of Alzheimer’s Disease: OMEGA Study
Walter T. Lee, M.D., M.H.S. Associate Professor	Surgery ACP	Tan Hiang Khoon, Ph.D. Adjunct Assistant Professor	SGH	Partnership to Use a Low-Cost, Mobile Flexible Nasopharyngoscope for Head and Neck Cancer Screening in Vietnam