

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, Angelique, 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