



FY2014 Awardees for NTU-NHG Ageing Research Grant

Award Period: 1 April 2014 to 31 March 2017 (3 years)

No.	Project Title	NHG Lead-Principal Investigator	NTU Lead-Principal Investigator
1	Driving simulation as an assessment of elderly driver fitness to drive and driver rehabilitation method	Dr Leonard Yip <i>Department of Ophthalmology Tan Tock Seng Hospital</i>	Associate Professor Wong Yiik Diew <i>School of Civil and Environmental Engineering Nanyang Technological University</i>
2	Experimentation of a novel sound system to enhance listening for hearing impaired and elderly	Dr Ho Eu Chin <i>Department of Otolaryngology Tan Tock Seng Hospital</i>	Associate Professor Gan Woon Seng <i>School of Electrical and Electronic Engineering Nanyang Technological University</i>
3	Development of RPE-photoreceptors complex for investigation of age-related macular degeneration	Dr Augustinus Laude <i>Department of Ophthalmology Tan Tock Seng Hospital</i>	Assistant Professor Yeong Wai Yee <i>School of Mechanical and Aerospace Engineering Nanyang Technological University</i>
4	Controlled release polypharmacy system for Parkinson's disease management	Dr Tan Ern Yu <i>Department of General Surgery Tan Tock Seng Hospital</i>	Associate Professor Loo Say Chye Joachim <i>School of Materials Science and Engineering Nanyang Technological University</i>
5	Development of a nanocarrier drug delivery system for a novel anti-vascular endothelial growth factor (anti-VEGF) in the treatment of age-related macular degeneration	Dr Augustinus Laude <i>Department of Ophthalmology Tan Tock Seng Hospital</i>	Professor Subbu Venkatraman <i>School of Materials Science and Engineering Nanyang Technological University</i>
6	Affordable U-healthcare platform for diabetes management	Dr Heng Bee Hoon <i>Health Services and Outcomes Research National Healthcare Group HQ</i>	Associate Professor Cho Nam-Joon <i>School of Materials Science and Engineering Nanyang Technological University</i>
7	The role of protein deamidation in subclinical cardiovascular disease	Dr Ho Hee Hwa <i>Department of Cardiology Tan Tock Seng Hospital</i>	Associate Professor Sze Siu Kwan <i>School of Biological Sciences Nanyang Technological University</i>