

Category 1 Awardees for Skin Innovation Grant Call 2018

Project No.	Project Title	Lead-Principal Investigator
SIG18002	Mechanism and Therapeutic Studies of Skin Fungal Infections through Fungal Polarisome Protein Pla1	Dr. Miao, Yansong <i>School of Biological Sciences (SBS), Nanyang Technological University (NTU)</i>
SIG18003	A diagnostic toolkit to detect and quantify senescent cells in age-related skin pathologies	Dr. Audrey Shimei Wang <i>Skin Research Institute of Singapore (SRIS), Agency for Science, Technology and Research (A*STAR)</i>
SIG18005	Investigating the roles of exogenous microbial enzymes in pathogenesis of atopic dermatitis	Dr. Li Hao <i>Molecular Engineering Laboratory (MEL), Agency for Science, Technology and Research (A*STAR)</i>
SIG18006	Consequences and therapeutic implications of aberrant expression of miR-335 in atopic dermatitis	Dr. Shan Quah <i>Institute of Medical Biology (IMB), Agency for Science, Technology and Research (A*STAR)</i>
SIG18011	Skin fibroblasts from healthy and diabetic individuals as a model to study skin health in diabetes during ageing	Dr. Teo Kee Keong, Adrian <i>Institute of Molecular and Cell Biology (IMCB), Agency for Science, Technology and Research (A*STAR)</i>
SIG18013	Evaluating the role of polyamines in pigmentation and development of Raman spectroscopy techniques to measure polyamine levels in human skin tissue.	Dr. Aishwarya Sridharan <i>Skin Research Institute of Singapore (SRIS), Agency for Science, Technology and Research (A*STAR)</i>
SIG18015	“Tyrp1-epAON”: Self-Deliverable Chimeric Oligonucleotide Inhibitor of Melanogenesis as a Novel Skin Lightening Agent	Dr. Navin Kumar Verma <i>Lee Kong Chian School of Medicine (LKCMedicine), Nanyang Technological University (NTU)</i>
SIG18023	Biomimetic Short Peptide Hydrogels for Chronic Wound Healing	Dr. Shu Hui Hiew <i>School of Materials Science & Engineering (SMSE), Nanyang Technological University (NTU)</i>
SIG18027	Modulation of biomaterial-mediated wound healing response by biomimetic polymeric surface	Dr. Dang Thuy Tram <i>School of Chemical and Biomedical Engineering (SCBE), Nanyang Technological University (NTU)</i>
SIG18029	Investigating C10orf99, a novel peptide in skin inflammation	Dr. Wong Pui Mun <i>Institute of Medical Biology (IMB), Agency for Science, Technology and Research (A*STAR)</i>

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SIG18033	Targeting Keloid Formation and With Local Applications of Mdm2/Mdm4 Dual Antagonist Stapled Peptides	Dr. Tan Ban Xiong <i>p53 Lab, Agency for Science, Technology and Research (A*STAR)</i>
SIG18037	A nursing care redesign using an integrated, evidence-based Incontinence-associated dermatitis (IAD) program for healthcare institutions in Singapore	Dr. Khong Peck Chui, Betty <i>Nursing Service, Tan Tock Seng Hospital (TTSH)</i>
SIG18038	Investigating the role of keratinocyte-specific, inflammasome-driven IL-1 signaling as an amplifier of psoriatic inflammation	Dr. Franklin Zhong <i>Lee Kong Chian School of Medicine (LKCMedicine), Nanyang Technological University (NTU)</i>