

HBMS Industry Alignment Fund Pre-Positioning Fund (IAF-PP)

Cycle	Title of Project	Principal Investigator	Host Institution	Partner Institutions
Cycle 1	Experimental Biotherapeutics Centre		EBC	
Cycle 1	Humanized NOG Mice for ImmunoTherapy (HuNIT): Development and large-scale production of HLA-matched humanized mice and their application to translational medicine	Laurent Renia	SigN	KKH
Cycle 1	A Patient-Specific Diagnostic and Predictive Platform for Precision Medicine in HCC	Pierce Chow	NCCS	IMCB, GIS, NUS
Cycle 1	The Skin Research Institute of Singapore, Phase 2: SRIS@Novena	Steven Thng	SRIS	NTU, NSC
Cycle 1	Investing in developmental cohorts and interventions to optimise health and human capacity	Chong Yap Seng	SICS	NUHS, SBIC, KKH, SICS, NUS
Cycle 2	BioTransformation Innovation Programme (Phase II)	Nic Lindley	BioTrans	IMCB, NUS, NTU, SIT
Cycle 2	National Precision Medicine Program (Phase 1A): Population Level Genomic Infrastructure	Patrick Tan	Precision Medicine Programme Office	Duke-NUS, NUS, NTU, SICS, GIS, BII, I2R, IHPC
Cycle 2	Acne and Sebaceous Gland Program in SRIS@Novena	Maurice van Steensel	SRIS	NTU, NUS, NSC
Cycle 2	Wound Care Innovation for the Tropics	Zee Upton	SRIS	IMB, NTU, NUS, SCH
Cycle 2	Peptide Engineering Programme (PEP): Enabling technologies to advance a new class of medicine	Charles Johannes	p53Lab	IMCB, ICES, BII
Cycle 2	Food Structure Engineering for Nutrition and Health	Christiani Jeyakumar Henry	SICS	
Cycle 2	The Molecular Therapeutics Programme	Shawn Hoon	MEL	GIS, BTI, SERI, NUS
Cycle 2	OrBID (Ocular Biomaterials and Device): A Biomaterials (polymer) platform providing clinical solutions for retinal disease	Su Xinyi	IMCB	IMRE, IMCB, NUS, SERI
Cycle 3	Innovations in Chemical and Food Ingredient Safety Program	Benjamin Smith	IFCS Programme Office	
Cycle 3	Humanised yeast system as a novel screening platform for rapid identification of new therapeutic agents	Uttam Surana	IMCB	BTI, BII
Cycle 3	Asian Skin Microbiome Programme (ASMP)	Tom Dawson	SRIS	SICS, GIS, NTU

Cycle 3	Ensemble of Multi-disciplinary Systems and Integrated Omics for NAFLD (EMULSION) diagnostic and therapeutic discovery	Ng Huck Hui	GIS	NUS, IMCB, NTU, SGH, KTPH
Cycle 3	Cancer ImmunoTherapy Imaging (CITI) Programme: Precision Immune Cell Imaging for Precision Cancer Immunotherapy	Ann-Marie Chacko	Duke-NUS	BII, NUS, SGH, SigN, NCCS, IHPC
Cycle 4	CaLiBRe: Cancer Liquid Biopsies for Real-time diagnostics and early intervention	Iain Tan	NCCS	NUH, NUS, GIS, SigN, SGH, DUKE-NUS, BII
Cycle 4	Single-Cell In Situ Spatial Omics at subcellular Resolution (SCISSOR): Convergence and Disruption of the Molecular Diagnostics Market	Shyam Prabhakar	GIS	BII, DUKE-NUS, SigN, NCCS, SGH
Cycle 4	Allogeneic Stem Cell Manufacturing (ASTEM)	Simon Cool	IMB	BTI, GIS, NUS
Cycle 4	Establishment of a scalable capability for autologous clinical cell therapy manufacturing	Chng Wee Joo	NUH	SIMTECH, BTI, IMB, IMCB, HSA, SMART, SigN, DUKE-NUS, NCCS, NUS
Cycle 4	Diabetes Clinic of the Future (DCOF)	Bee Yong Mong	SGH	I2R, IHPC, DUKE-NUS, NUS
Cycle 4	SInGapore ImmuNogrAm for Immuno-OncoLogY (SIGNAL)	Laurent Renia	SigN	NUH, GIS, NCCS, KKWCH, SGH, IMCB, IHPC, BII
Cycle 5	Translational Biophotonics Innovation Platform @ SBIC	Malini Olivo	SBIC	SRIS, IMRE, NUH, NCCS
Cycle 5	Translating MSC Exosomes into Pharmaceuticals (TEx2Pharm)	Andre Choo	BTI	IMB, IMCB, NUS, SERI, SCH
Cycle 5	A Comprehensive Precision Medicine Platform for Rare Genetic Disorders	Kanaga Sabapathy	NCCS	IMCB, EDDC
Cycle 5	Biotrans Phase 3	Giulia Rancati	SIFBI	-
Cycle 5	Singapore Food Story R&D Programme, Theme 2: Future Foods - Alternative Protein IAF-PP Programme	Ralph Graichen	BMRC	-
Cycle 5	Macromolecular interactions program (M-MIP): Enabling technologies to discover & validate macromolecular interactions as novel therapeutic targets	Ashok Venkitaraman	NUS	GIS, p53Lab, EDDC
Cycle 6	Digital and Precision Community Screening Platform for Ageing Diseases: Vision, Metabolism and Heart	Cheng Ching-Yu	SERI	IHPC, GIS, NTU, TTSH, NUS, NUH, SHP
Cycle 6	Artificial Intelligence in Medicine Transformation (AIMx) Program	Daniel Ting	SERI	IHPC, NHCS, CGH, KKH, Duke-NUS
Cycle 6	Ocular Biomaterials for Vitreoretinal Therapeutic Applications (OrBiTAI)	Su Xinyi	IMCB	IMRE, NUH, SERI
Cycle 6	A Multitiered Platform Technology for Targeted Delivery and Release of RNA Therapeutics	Jackie Y. Ying	IMRE	NUS, IMCB
Cycle 6	AI driven national Platform for CT cOronary angiography for clinical and industrial applications (APOLLO)	Zhong Liang	NHCS	NUH, TTSH, I2R, BII, Duke-NUS

HHP Industry Alignment Fund Pre-Positioning Fund (IAF-PP)

Title of Project	Principal Investigator	Host Institution	Partner Institutions
Asian Skin Microbiome Programme 2.0 (ASMP 2.0)	John Common	A*SRL	NTU, GIS, NSC
Personalized T cell Vaccine Development and Monitoring Platform (T-MoVac)	Olaf Röttschke	SigN	NCCS, CSI Singapore, NUS, IMCB, GIS, NTU, IBB
Antibody-Nucleic Acid Therapeutics (Ab-NAT)	Phan Anh Tuan	NTU	SigN, NCIS/NUH
Strategic Optimisation of mRNA vaccines for Preparedness of COVID-19 Variants	Lisa Ng	ID Labs	IBB, GIS, ISCE2, NTU, SIMTech, IMCB
Nucleic Acid Quantitative Technologies (NuQuanT)	Seow Yiqi	GIS	IMCB, BTI, SIMTech, DxD Hub, BII, NTU, NUH
PREclinical platform for dEVELOPmeNt of Therapeutics for Heart Failure (PREVENT-HF)	Derek Hausenloy	NHCS	NUS, IMCB
Nucleic Acid Therapeutics Initiative (NATi)	Benjamin Toh	BMRC	-

The information is accurate as at the point of award.