



HMDP Visiting Experts FY25

OFFICIAL PROGRAMME**Note:**

The programme is accurate at the time of publication, and is subject to change at any time without prior notice.

EXPERT NAME

Wendy K. Chung, MD, PhD

START DATE

19 Jan 2026

END DATE

23 Jan 2026

SPECIALTY/TITLE OF PROGRAMME

Precision Medicine and Implementation of Genomic Population Screening

HOSTING INSTITUTION

KK Women's and Children's Hospital

Part I : Administrative Notes for Local Coordinators

- 1 Local Coordinators should liaise with the relevant departments of the Restructured Hospitals/National Centres in all clusters when preparing the programme, and ensure there are inter-cluster collaborations i.e. mandatory visits to all clusters for the same specialty or discipline.
- 2 Please include the learning objectives for each activity.
- 3 The programme should comprise of sessions that are open to participants from all clusters, and participants attending any of the programme sessions should not be charged registration fees.
- 4 The programme should be submitted to MOH-MS&D at least 12 weeks prior to the start of the programme. Prior to that, the endorsement from the sponsor division must be sought. The sponsor division must be given at least 4 weeks of lead time for the endorsement.
- 5 The Expert must review and endorse the Final Programme before submitting to the MOH-MS&D. A digital signature or an email confirmation from the Expert suffices.
- 6 A Short Write-up on the visiting expert should be submitted together with the Final Programme for the Ministry's publicity efforts.

For HMDP Programme with MOH Sponsor(s)

MOH Division(s):

Officer's Name(s):

Part II : Endorsement by Visiting Expert

I have reviewed and agreed to the Final Programme.

DATE & SIGNATURE OF EXPERT

Day 1 – KK Women’s and Children’s Hospital (KKH) □ SGH campus

DATE AND DAY	TIME	ACTIVITIES	Training Objectives	NTP* (YES/NO)	VENUE AND CAPACITY	NAME AND EMAIL OF COORDINATOR
19 Jan 2026 (Monday)	8:30 a.m. – 9:30 a.m.	Welcome and Introduction	N/A	No	KKH Room A2, Children’s Tower L3	TAN Wen-Hann wen-hann.tan@childrens.harvard.edu & tan.wen.hann@kkh.com.sg
	9:30 a.m. – 10:00 a.m.	Travel from KKH to SingHealth Duke-NUS Genomic Assessment Centre	N/A	No	N/A	TAN Ee Shien tan.ee.shien@singhealth.com.sg
	10:00 a.m. – 11:30 a.m.	SingHealth Duke-NUS Genomic Assessment Centre (SDGMC GAC) Opening Ceremony and Tour	1. Introduction to the SingHealth Duke-NUS Genomic Assessment Centre 2. Discuss the vision and mission of the SingHealth Duke-NUS Genomic Assessment Centre	No	SDGMC GAC	TAN Ee Shien
	11:30 a.m. – 12:45 p.m.	Lunch meeting with National Cancer Centre Singapore (NCCS) Cancer Genetics team	1. Discuss population screening for cancer predisposition disorders 2. Understand the cost-benefit for population screening for cancer predisposition disorders	No	SGH campus – NCCS	Joanne NGEOW joanne.ngeow@ntu.edu.sg Vanna CHAY chhay.vanna@nccs.com.sg
	1:00 p.m. – 2:00 p.m.	Lecture: Population genomic health screening across the life course: evolving opportunities	1. Be able to apply criteria for conditions to include in population screening for reproductive purposes, newborn screening, and adults 2. Be able to explain results of health screening to a patient, including implications for their medical care	No	NCCS Lecture Theatre (~200 pax)	TAN Wen-Hann
	2:00 p.m. – 3:00 p.m.	Meet with Adult Genetics Team	1. Discuss implementation of population screening in cardiomyopathies 2. Understand the challenges of screening for asymptomatic conditions	No	SGH campus – National Heart Centre Spore (Meet @ Level 2)	Iswaree BALAKRISHNAN iswaree.d.balakrishnan@singhealth.com.sg Kaavya NARASIMHALU kaavya.narasimhalu@singhealth.com.sg Jenny HSIEH hsieh.yi.chen@singhealth.com.sg
	3:30 p.m. – 4:30 p.m.	Seminar / Tutorial on Genetics of Autism Spectrum Disorder for residents and faculty	1. Understand the genetic architecture of autism 2. Understand the utility of genetic testing for adults with autism	No	Duke-NUS Med School Room 5C (Level 5)	WANG Hongyan hongyan.wang@duke-nus.edu.sg Alison UNG alison.ung@duke-nus.edu.sg
	4:40 p.m. – 5:40 p.m.	Guest appearance on: SGH Hospital of the Future podcast	N/A	No	SGH Studio – SingHealth Tower Level 6, Near Rm 6-5	Elizabeth WONG elizabeth.wong@sgh.com.sg GOH Su-Yen goh.su.yen@singhealth.com.sg
	5:50 p.m. – 6:30 p.m.	Meet with SGDMC / PRISM / Rare Disease Models and Mechanisms teams at SGH campus – Include seminar for all staff, including residents and genetic counselors	1. Discuss implementation of population screening (including for cancer predisposition disorders) in adults 2. Discuss societal implications of population screening, including children and other family members of adults who screen positive	No	Duke-NUS Med School #05-18 (Hongyan’s office)	WANG Hongyan hongyan.wang@duke-nus.edu.sg Alison UNG alison.ung@duke-nus.edu.sg

Day 2 – National University Hospital (NUH) □ Admiralty Medical Centre

DATE AND DAY	TIME	ACTIVITIES	Training Objectives	NTP* (YES/NO)	VENUE AND CAPACITY	NAME AND EMAIL OF COORDINATOR
20 Jan 2026 (Tuesday)	7:30 a.m. – 8:45 a.m.	NUH Obs & Gynae Science Tuesday Lecture: Use of electronic health records and genomics and the opportunity for a learning health care system	1. Be able to develop governance within the structure of the electronic health record on storage of genomic info to facilitate appropriate use 2. Be able to develop criteria for the decision support providers need in the EHR and what triggers alerts	TBD	NUH Tower Block Seminar Room 12-02/03 (~100 pax)	Mahesh A CHOOLANI obgmac@nus.edu.sg Serene LAI xinhui@nus.edu.sg
	9:00 a.m. – 11:00 a.m.	Discussion with NUH Genetics (Denise Goh, Chin Hui-Lin) and Obstetrics / Gynaecology (Mahesh Choolani) on genomic newborn screen and screening for spinal muscular atrophy (SMA)	1. To understand practical considerations in genomic newborn screening at population level 2. Discuss challenges in screening for SMA	No	NUH Tower Block	CHIN Hui-Lin paechin@nus.edu.sg Also: Serene Ong (Centre for Biomedical Ethics)
	11:00 a.m. – 12:45 p.m.	Lunch	N/A	No	NUH campus	CHIN Hui-Lin +/- Mahesh CHOOLANI
	1:00 p.m. – 2:00 p.m.	Lecture: Workforce and infrastructure development required to realize the promise of genomic medicine	1. Be able to state the roles and responsibilities necessary to provide genomic medicine, and how different provider types fill those roles 2. Consider opportunities to train the workforce of the future for genomic medicine	Yes	NUH Tower Block Seminar Room 08-04 (~50 pax)	CHIN Hui-Lin paechin@nus.edu.sg
	2:00 p.m. – 2:30 p.m.	Travel from NUH campus to Admiralty Medical Centre	N/A	No	N/A	TAN Wen-Hann
	2:45 p.m. – 4:30 p.m.	Seminar on implementation of population screening and genomic medicine in the community, including workforce development	1. To learn the challenges of genomic screening for adult-onset disorder in the community 2. Be able to understand the public hesitation to genomic screening	No	Admiralty Medical Centre	Tavintharan ("Tavin") SUBRAMANIAM subramaniam.tavintharan@nhghealth.com.sg

Day 3 – NUHS Centre for Innovation in Healthcare □ KKH

DATE AND DAY	TIME	ACTIVITIES	Training Objectives	NTP* (YES/NO)	VENUE AND CAPACITY	NAME AND EMAIL OF COORDINATOR
21 Jan 2026 (Wednesday)	9:30 a.m. – 11:30 a.m.	Visit National University Health System (NUHS) Centre for Innovation in Healthcare	1. Discuss ways to foster innovative ideas in healthcare settings 2. Discuss adoption of healthcare innovations in clinical practice	No	Alexandra Hospital campus	Rina LIM rina_lim@nuhs.edu.sg
	11:30 a.m. – 12:00 p.m.	Travel from NUHS Centre for Innovation in Healthcare to KKH	N/A	No	N/A	TAN Wen-Hann
	12:00 p.m. – 1:00 p.m.	Lunch	N/A	No	TBD	TAN Wen-Hann
	1:00 p.m. – 2:00 p.m.	Lecture: Genetic therapies: the hype, the hope, and the reality	1. Understand the therapies that apply to different genetic mechanisms of action 2. Understand the windows of opportunity for maximal efficacy of genomic therapies	Yes	KKH Lecture Theatre	TAN Wen-Hann
	2:00 p.m. – 3:00 p.m.	Discussions with Paediatric Residents & Residency Director [Cristelle CHOW]	1. To discuss the role of general practitioners (GPs) and general paediatricians in newborn screening 2. To explore topics on genomic screening in children	Yes	KKH Room B2 / B3, Children's Tower Level 3	Cristelle CHOW Chu-Tian cristelle.chow.ct@singhealth.com.sg Ismail BIN MUHAMAD ismail.muhd@singhealth.com.sg
	3:00 p.m. – 5:00 p.m.	Teaching and Discussion with KKH Genetics team – Newborn screening, Population screening in older children, Genetic therapies, Workforce development	1. To learn about population screening in newborns and children 2. To learn about potential benefits, risks, and limitations of genetic therapies 3. To explore the training of current practitioners in genomic medicine ("upskilling")	No	KKH Room B2 / B3, Children's Tower Level 3	TAN Wen-Hann
	5:00 p.m. – 6:00 p.m.	Meeting with Chair, Division of Medicine [THOON Koh Cheng] and Head, Department of Paediatrics [OH Jean Yin]	To discuss topics of mutual interest to Dept. of Paediatrics at KKH and Dept. of Pediatrics at Boston Children's Hospital, including workforce development	No	KKH Room B2 / B3, Children's Tower Level 3	TAN Wen-Hann

Day 4 – NHG Centre for Healthcare Innovation □ KKH

DATE AND DAY	TIME	ACTIVITIES	Training Objectives	NTP* (YES/NO)	VENUE AND CAPACITY	NAME AND EMAIL OF COORDINATOR
22 Jan 2026 (Thursday)	0930 a.m. – 11:30 a.m.	Visit to National Healthcare Group (NHG) Centre for Healthcare Innovation	1. Discuss digital transformation of healthcare institutions in the era of genomic medicine 2. To explore leveraging technology for workforce development in genomic medicine	No	Ng Teng Fong Centre for Healthcare Innovation, 11 Jalan Tan Tock Seng	LEONG Khai Pang / LIM Gek Yee khai.pang.leong@nhghealth.com.sg gek.yee.lim@nhghealth.com.sg
	10:00 a.m. – 11:00 a.m.	Tutorial: Approach to an adult patient with a suspected genetic disorder: Assessment to Management	1. To evaluate whether an adult is likely to have a genetic disorder 2. To determine a logical approach to genetic testing in adults	No	Learning L2-002, Centre for Healthcare Innovation	LEONG Khai Pang / LIM Gek Yee khai.pang.leong@nhghealth.com.sg gek.yee.lim@nhghealth.com.sg
	11:30 a.m. – 12:00 p.m.	Travel from NHG Centre for Healthcare Innovation to KKH	N/A	No	N/A	
	12:00 p.m. – 1:00 p.m.	Lunch	N/A	No	KKH	TAN Wen-Hann
	1:00 p.m. – 2:00 p.m.	Meeting with KKH leadership (CEO [Alex Sia]; Chair, Medical Board [CHAN Yoke Hwee])	To discuss topics of mutual interest to KKH & Boston Children's Hospital, including workforce development and infrastructure required for clinical trials of gene-based therapies	No	KKH Board room / CEO office	TAN Wen-Hann
	2:00 p.m. – 4:00 p.m.	Paediatric Resident Teaching / Seminar / Journal club	1. To learn about population screening – prenatal, newborns, and children 2. To learn about genetic therapies – modalities, benefits, risks, costs	Yes	KKH GME office conference room	Cristelle CHOW Chu-Tian cristelle.chow.ct@singhealth.com.sg Ismail BIN MUHAMAD ismail.muhd@singhealth.com.sg
	4:00 p.m. – 5:00 p.m.	Follow-up meeting with KKH Genetics Team	Follow-up on session with KKH Genetics Team from Wednesday 21 Jan 2026 (from 3:00 p.m. – 5:00 p.m.) To learn how to succeed as an academic physician-investigator – the pathways, strategies, and sacrifices required	No	KKH GME office conference room	TAN Wen-Hann

Day 5 – MOH (Ministry of Health) □ KKH

DATE AND DAY	TIME	ACTIVITIES	Training Objectives	NTP* (YES/NO)	VENUE AND CAPACITY	NAME AND EMAIL OF COORDINATOR
23 Jan 2026 (Friday)	10:00 a.m. – 12:00 p.m.	Meet with Director-General of Health, Deputy Secretary (Services), Director (Hospital Services Div), and other senior MOH officials	To discuss implementation of population screening, genomic medicine (including clinical trials) in Singapore	No	MOH COMB Executive Boardroom	TAN Wen-Hann
	12:00 p.m. – 12:30 p.m.	Travel from MOH to KKH	N/A	No	N/A	TAN Wen-Hann
	12:30 p.m. – 1:00 p.m.	Lunch – Catered as part of Paediatrics Invited Speaker Talk (at 1:00 p.m.)	N/A	No	KKH Lecture Theatre	Rashida Farhad Vasanwala rashida.farhad@singhealth.com.sg
	1:00 p.m. – 2:00 p.m.	Invited Speaker Talk: Genomic medicine: the cost and the benefit	1. Consider how to account for the full cost and full benefit of genomic medicine in society, including the patient and their family 2. Understand how health economists compare the value of genomic medicine interventions	No	KKH Lecture Theatre	Rashida Farhad Vasanwala
	2:00 p.m. – 3:00 p.m.	Meet with Prof. Ivy Ng (Clinical Geneticist; Senior Advisor, SingHealth Board; Former CEO of KKH & Deputy CEO of SingHealth)	To discuss workforce and infrastructure development to successfully implement genomic medicine, including clinical trials, at the national level	No	KKH Room A3, Children's Tower Level 3	TAN Wen-Hann
	3:00 p.m. – 5:00 p.m.	Wrap-up and Report writing	N/A	No	KKH Room A3, Children's Tower Level 3	TAN Wen-Hann

All five lectures / Invited Talks will be broadcast over Zoom / Teams and hence available live to all healthcare professionals in Singapore

KKH CFO “Hot desk” office (Children’s Tower Level 3, Executive Office 1) available for the entire week - Collect key from Kamisah on Mon 19 Jan 2026.

*NTP – National Training Programme