

<b>The Thai Society of Human Genetics 2nd Annual Conference</b> <b>Genomics Thailand: The Progress and Momentum</b> <b>29th-30th May 2023, Radisson Blu Plaza Bangkok Hotel, Bangkok</b>		
<b>Day 1: 29th May 2023</b>		
Time	Activity	Speaker
8.00-8.30	Registration	
8.30-9.00	Opening Ceremony	Conference Report: Sissades Tongsima  Welcome Remark: Nopporn Cheanklin Executive Director, Health Systems Research Institute (Secretariat)  Opening Remark: Supakit Sirilak Director General, Department of Medical Sciences
<b>Photo session</b>		
9.00-9.45	Presidential address  Computational genomics as an important role in genomic medicine	The Thai Society of Human Genetics President  Sissades Tongsima
9.45-10.30	Inaugural lecture: Discourse to Professor Emeritus Khunsupa Na Nakorn  Thalassemia: from single gene to genomics approach	Emeritus Professor Suthat Fucharoen
10.30-10.45	Break	
<b>Plenary session</b>		
10.45-12.00	Plenary symposium: Genomics Thailand  Opportunities and challenges of Genomics Thailand Initiatives	Representatives of  Clinical network: Prasit Phowthongkum Biobank: Sukanya Wattanapokayakit Data management: Chumpol Ngamphiw Sequencing facility: Gang Chen  Moderator: Prasit Phowthongkum
12.00-12.30	Luncheon symposium: RI technology  Shifting Paradigms with Pacbio HiFi Sequencing.  BFX: Unlock the Promise of Genomics through HiFi Sequencing.	Zuwei Qian  Wilson Cheng
12.30-13.00	Lunch	
13.00-14.00	Plenary session: Genomics England  The next step of Genomics England	Tim Hubbard  Moderator: Surakameth Mahasirimongkol
<b>Scientific session – Functional genomics: opportunity and limitations of genetically modified non-mammalian models in the post-genomics era</b>		
14.00-14.30	Advancing rare disease research: The role of drosophila in functional genomics and therapeutic discovery	Luca Lo Piccolo  Moderator: Luca Lo Piccolo
14.30-15.00	Swimming in success: how zebrafish research can advance our understanding of human diseases	Camilla Maria Fontana  Moderator: Luca Lo Piccolo
15.00-15.15	Break	
<b>Scientific session – Genomics Thailand Subtopics</b>		
Parallel session 15.15-16.30	<b>Room 1</b> Moderator: Thipwimol Timaroon	<b>Room 2</b> Moderator: Pajaree Chariyavilaskul
	15.15-15.30 Epilepsy  Tayard Deesudchit	15.15-15.40 Pharmacogenomics update  Surakameth Mahasirimongkol
	15.30-15.45 Genetic muscular disease  Oranee Sanmaneechai	15.40-16.05 Genomics of infectious diseases: understanding the interactions between the hosts and pathogens  Prasit Palitponkarpim
	15.45-16.00 Sudden unexplained death after COVID-19 vaccination  Vorasuk Shotelersuk	16.05-16.30 Non-communicable disease update  Jakris Eusontornwattana
	16.00-16.30 Cancer disease update  Manop Pitakpakorn	
<b>End of Day 1</b>		

Day 2: 30th May 2023		
Time	Activity	Speaker
8.30-9.00	Registration	
<b>Scientific session – ELSI, Education, Bioinformatics, Population and Forensic</b>		
Parallel session 9.00-11.00	<b>Room 1</b> Moderator: Chureerat Phokaew	<b>Room 2</b> Moderator: Monnat Pongpanich
	9.00-9.30 The protection of personal data in Thai laws and the flourishing of genomic research  Tossapon Tassanakunlapan	9.00-9.40 Molecular autopsy  Kornkiat Vongpaisarnsin
	9.30-10.00 Medical genetics fellowship training  Kanya Suphapeetiporn	9.40-10.20 v@pp platform  Chumpol Ngamphiw
	10.00-10.30 Genetic counsellor training  Thanyachai Sura	10.20-11.00 Long-read sequencing technology  Piroon Jenjaroenpun
	10.30-11.00 Variant scientist training course  Vorasuk Shotelersuk	
11.00-11.15	Break	
<b>Scientific session - Artificial intelligence and Oral communication session</b>		
Parallel session 11.15-12.00	<b>Room 1</b> Moderator: Surakameth Manasirimongkol	<b>Room 2</b> Moderator: Thipwimol Timaroon
	Artificial intelligence for cancer genomics medicine  Kunihiro Nishimura	11.15-11.30 Association of ketone bodies on cognitive performance: two-sample Mendelian randomization study  Wichanon Sae-jie
		11.30-11.45 cfDNA fragmentomics: the predictive strategy for osteosarcoma outcome  Sasimol Udomruk
		11.45-12.00 Assessing genotyping accuracy in the Genomics Thailand project using the Infinium Asian Screening Array  Vorthunju Nakhonsri
12.00-12.15	Luncheon symposium: BGI  The complete and fully-phased diploid genome of an Asian	Xin Jin
12.15-13.00	Lunch	
<b>Plenary session</b>		
13.00-14.30	Plenary symposium: Nobel Prize Topic  From Neanderthals to <i>Homo sapiens</i>	Wibhu Kutanan Jatupol Kampuansai  Moderator: Kornkiat Vongpaisarnsin
14.30-14.45	Break	
14.45-15.15	Plenary session: Korea Genome Organization  Epigenetic regulation of internal cryptic cis-regulatory elements	Taeso Kim  Moderator: Surakameth Mahasirimongkol
15.15-15.45	Plenary session: Korea Genome Organization  Function of enhancer regulatory network	Tae-Kyung Kim  Moderator: Surakameth Mahasirimongkol
15.45-16.00	Award recognition Best oral presentation Closing remark	Sissades Tongsim  Moderator: Pajaree Chariyavilaskul
<b>End of Day 2</b>		