

# International Conference Agenda

The Thai Society of Human Genetics 3<sup>rd</sup> Annual Conference 2024

“Harnessing genomics Thailand to better public health: the time is NOW”

1<sup>st</sup> – 3<sup>rd</sup> May 2024 at Infinity Ballroom, Pullman Bangkok King Power, Bangkok

## Day 1: 1<sup>st</sup> May 2024

Time	Activity	Speaker
8.00-8.30	Registration	
8.30-9.30	Opening Ceremony	
9.30-10.15	Discourse Speech to Professor Emeritus Khunsupa Na Nakorn	Emeritus Prof. Yongyuth Yuthavong
10.15-10.30	Break	
10.30-10.50	President talk: Sun burst landscape	Sissades Thongsima
10.50-11.35	Keynote: Newborn whole genome sequencing	Robert C. Green
11.35-11.55	Luncheon seminar	
11.55-12.45	Luncheon symposium	
12.45-13.30	Keynote: Genomics England	James Duboff
13.30-14.00	Converging Paths: Collaboration and Network Flow in Unlocking the Genomic Puzzle of Rare Diseases	Thipwimol Tim-Aroon Wichayaporn Emmarach Saengow
14.00-14.15	Inborn Metabolic Diseases in the Genomic Era: Advancements, Challenges, and Opportunities	Khunton Wichajarn
14.15-14.30	Exploring Neuromuscular Diseases through Genomic Data: Perspectives and Impact from Pediatric Neurologists	Chaiyos Khongkhatithum
14.30-14.45	Genomic Paradigms in Adult Heart Disease: Redefining the Landscape	Prasit Phowthongkum
14.45-15.00	Genomic Exploration of Hearing Loss: Implications for Thailand's Population	Duangrurdee Wattanasirichaigoon
15.00-15.15	Break	
15.15-15.45	Unlocking Mystery Cases: Decoding with Genomics	Wuttichart Kamolvisit Kittiwat Rojnueangit
15.45-16.30	Genomic Thailand in Rare Diseases: A Journey from Conception to Advancement and Future Prospects	Vorasuk Shotelersuk
End of Day 1		

## Day 2: 2<sup>nd</sup> May 2024

8.00-8.30	Registration	
8.30-9.30	Keynote: Bioinformatics	Sue Lin-Chao
9.30-10.30	Keynote: 3,023 human genomes from mainland Southeast Asia	Bing Su
	disclose hidden genetic diversity and signatures of tropical adaptation	
10.30-11.00	Break	
<b>Parallel session</b>	<b>Room 1</b>	<b>Room 2</b>
11.00-12.00	Panel discussion of Bioinformatics issues	Tracing the pre-historic DNA discovered in Mae Hong Son Province Rasmi Shoocongdej Wibhu Kutanan Moderator: Metawee Srikummool
12.00-13.00	Luncheon symposium	
13.00-13.30	Bioinformatics Lecture 1	Forensics Kittipong Jaisamut
13.30-14.00	Bioinformatics Lecture 2	Population Genetics: high prevalence of a mitochondrial disease in a population Patcharee Lertrit
14.00-14.20	Keynote: Infectious Prasit Palittapongarnpim	Overview of NCD programme in Genomics Thailand Jakris Eu-ahsunthornwattana
14.20-14.40	Infectious Lecture 1	Genetics of Obesity Pornpoj Pramyothin
14.40-15.00	Infectious Lecture 2	Genetics Architecture of Gestational Diabetes Mellitus Watip Tangjittipokin
15.00-15.15	Break	
15.15-15.35	Infectious Lecture 3	Genetics of Obesity Chagriya Klitiyakara
15.35-15.55	Infectious Lecture 4	Polygenic risk of sudden cardiac death John Mauleekoonphairoj
15.55-16.15	Infectious Lecture 5	Prediction of Cardiovascular Outcome Rungroj Krittayaphong
End of Day 2		

## Day 3: 3<sup>rd</sup> May 2024

8.00-8.30	Registration	
8.30-9.30	Keynote: Precision Psychiatry and Genomics in the era of big data	Jinsong Tang
9.30-10.00	Clinical Implementation of PGx in Thailand: A Dream Come	Chonlaphat Sukasem
10.00-10.45	Symposium Success story of PGx in Thailand: Clinical Implementation and National policy	Moderator: Wichittra Tassaneeyakul
	- PGx for SCARs	Kanoot Jaruthamsophon
	- PGx for dose optimization: NAT2 story	Pajaree Chariyavilaskul
	- PGx for Drug response: Clopidogrel	Lalita Suwandamrong
10.45-11.00	Break	
11.00-11.50	Clinical Pharmacogenomics Implementation in Thailand: The Role of Health Professionals Councils	Moderator: Chonlaphat Sukasem Representative of The Medical Council of Thailand, The Dental Council, The Pharmacy Council of Thailand, The Medical Technology Council and Thailand Nursing and Midwifery Council
11.50-12.10	Luncheon seminar	
12.10-13.00	Luncheon symposium	
13.00-13.30	Cancer screening in precision medicine era, What's new	Objoon Trachoo Takol Chareonsirisuthigul
13.30-14.00	Hereditary cancer and Cancer predisposition syndrome is all around; It's not rare	Sasinipa Trithiphen
14.00-14.30	Integrative cancer genetic & epigenetic in precision cancer therapy	Usanarat Anurathapan
14.30-15.00	Cancer Lecture 1	
15.00-15.15	Break	
15.15-16.00	Genomic TH in cancer; A Practice to Policy	Passakorn Wanchajiraboon Manop Pithukpakorn
16.00-16.30	Closing ceremony	

End of Day 3