

International Conference Agenda

The Thai Society of Human Genetics 3rd Annual Conference 2024

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

1st – 3rd May 2024 at Infinity Ballroom, Pullman Bangkok King Power, Bangkok

Day 1: 1st 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 Vitchayaporn Emarach 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 Kitiwan Rojnueangnit
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: 2nd 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 disclose hidden genetic diversity and signatures of tropical adaptation	Bing Su
10.30-11.00	Break	
Parallel session	Room 1	Room 2
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 Srikumool
12.00-13.00	Luncheon symposium	
13.00-13.30	Bioinformatics Lecture 1	Moderator: Jatupol Kampuansai Forensics Kittipong Jaisamut
13.30-14.00	Bioinformatics Lecture 2	Population Genetics: high prevalence of a mitochondrial disease in a population Patcharee Lertrit
14.00-15.00	Keynote: Studies of human-genome-to-bacterial-genome interactions Prasit Palittapongarnpim	Overview of NCD programme in Genomics Thailand Jakris Eu-ahsunthornwattana Genetics of Obesity Pornpoj Pramyothin Genetics Architecture of Gestational Diabetes Mellitus Watip Tangjittipokin
15.00-15.15	Break	
15.15-16.15	Host-pathogen interaction Anti-microbial resistance Infectious Lecture 3	THAI Chronic Kidney Disease (CKD) Risk Score Chagriya Klitiyakara Polygenic risk of sudden cardiac death John Mauleekoonphairoj Prediction of Cardiovascular Outcome Runroj Krittayaphong

End of Day 2

Day 3: 3rd 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	Transforming genomic tools to cancer patients diagnostic and follow up	Parunya Chaiyawat
15.00-15.15	Break	
15.15-16.00	Genomic TH in cancer: A Practice to Policy	Manop Pithukpakorn Passakorn Wanchajiraboon
16.00-16.30	Closing ceremony	

End of Day 3