



The 3rd Thailand Metabolomics Association (TMA) Conference

Metabolome-Microbiome in Health and Diseases for One Health

10-12 November 2025

Science Park, Khon Kaen University

Date/Time	Activity		Noted
Day 1 (10 November 2025)			
9:00 – 9:30	Registration		
9:30-10:30	Metabolomics workshop (Meeting room 3) Metabox Workshop By SiCORE-MSB	Microbiome workshop (The Beegins) Skin Microbiome Workshop By National Phenome Institute, Khon Kaen University	
10:30 - 10:50	Break and Networking		
10:50 – 12:00	Metabolomics workshop (Meeting room 3) Metabox Workshop By SiCORE-MSB	Microbiome workshop (Board room) Skin Microbiome Workshop By National Phenome Institute, Khon Kaen University	
12:00 - 13:00	Lunch		
13:00 – 13:15	Opening Ceremony Welcome Speech Dr. Charnchai Panthongviriyakul (MD) President of Khon Kaen University Opening Speech Dr. Youngyut Sirivatanauksorn (MD, PhD) President of Thailand Metabolomics Association		

13:15-13:20	Group Photo	
13:20-13:55	Plenary Talk: TBA By: Dr. Jeremy Nicholson Emeritus professor, Imperial College London, United Kingdom	
13:55-14:30	Plenary Talk: One Root, Many Diseases: Metabolomics and the Search for Common Soil By: Dr. Jianhong CHING, DUKE-NUS, Singapore	
14:30 – 15:05	Plenary Talk: Computational mass spectrometry to understand metabolisms of living organisms By: Dr. Hiroshi Tsugawa, Tokyo University of Agriculture and Technology, Japan	
15:05-15:25	Break and Networking	
15:25-16:00	Plenary Talk: TBA By: Dr. Jia Li Reader in Biological Chemistry, Department of Metabolism, Digestion and Reproduction, Faculty of Medicine, Imperial College London, United Kingdom	
16:00-16:35	Plenary Talk: TBA By: Dr. Zhigang Liu, School of Medicine, The Children's Hospital, School of Medicine, Zhejiang University, China	
16:35-17:00	Special Talk: Thailand's Personal Health AI and Open Data Platform By: Dr. Rina Patramanon, National Phenome Institute, Khon Kaen University, Thailand	
17:00 -18:00	Poster Setting	
18:00-22:00	Welcome Dinner	
Day 2 (11 November 2025)		
8:30 – 9:00	Registration	
9:00 – 9:40	Plenary Talk: Metabolomics & Spatial Biology: Imaging, single cells and translational life sciences By: Dr. Ron M.A. Heeren, Maastricht University, Netherlands	

9:40 – 10:20	Plenary Talk: TBA By: Dr. Anne K Bendt, Singapore Lipidomics Incubator (SLING), Singapore	
10:20-10:30	Exhibitor's Talk by Computational and Structural Biotechnology Journal	
10:30-10:40	Exhibitor's Talk by DKSH	
10:40-10:50	Exhibitor's Talk (TBA)	
10:50-11:10	Break and Networking	
11:10-12:30	Metabolomics: Natural products, food and nutrition (Auditorium) Speaker 1: Dr. Atikorn Panya National Center for Genetic Engineering and Biotechnology Speaker 2: Dr. Rossarin Tansawat Chulalongkorn University Speaker 3: Dr. M.L. Manida Suksawat Khon Kaen University Speaker 4: Selected from abstract submission Moderator: Dr. Jutarop phetcharaburanin Khon Kaen University	Microbiome: Agricultural and Environmental (Meeting room 3) Speaker 1: Dr. Arinthip Thamchaipenet Kasetsart University Speaker 2: Dr. Wanilada Rungrassamee National Center for Genetic Engineering and Biotechnology Speaker 3: Dr. Chakriya Sansupa Khon Kaen University Speaker 4: Miss Payaowadee Abthaisong Khon Kaen University Moderator: Dr. Worarat Kruasuwan Mahidol University
12:30-13:30	Lunch	
13:30-14:50	Metabolomics: Plant (Auditorium) Speaker 1: Dr. Pakorn Wattanamorn Kasetsart University	Microbiome: Food and Drugs (Meeting room 3) Speaker 1: Dr. Worarat Kruasuwan Mahidol University

	<p>Speaker 2: Dr. Maysaya Thitisaksakul Khon Kaen University</p> <p>Speaker 3: Dr. Kornkanok Ingkaninan Naresuan University</p> <p>Speaker 4: Selected from abstract submission</p> <p>Moderator: Dr. Rossarin Tansawat Chulalongkorn University</p>	<p>Speaker 2: Dr. Malai Taweechoipatr Srinakharinwirot University</p> <p>Speaker 3: Dr. Yaowared Chulikhit Khon Kaen University</p> <p>Speaker 4: Dr. Natapol Pornputtpong Chulalongkorn University</p> <p>Moderator: Dr. Mattaka Khongkow National Nanotechnology center</p>	
14:50 – 15:10	Break and Networking		
15:10-16:30	<p>Metabolomics: Clinical (Auditorium)</p> <p>Speaker 1: Dr. Jutarop phetcharaburanin Khon Kaen University</p> <p>Speaker 2: Dr. Chadin Kulsing Chulalongkorn University</p> <p>Speaker 3: Dr. Luca Lo Piccolo Chiang Mai University</p> <p>Speaker 4: Dr. Sakda Khoomrung Mahidol University</p> <p>Moderator: Dr. Nuankanya Sathirapongsasuti Mahidol University</p>	<p>Microbiome: Biotechnology (Meeting room 3)</p> <p>Speaker 1: Dr. Vijitra Luang-in Mahasarakham University</p> <p>Speaker 2: Dr. Mattaka Khongkow National Nanotechnology center</p> <p>Speaker 3: Dr. Vorrapon Chaikeratisak Chulalongkorn University</p> <p>Speaker 4: Dr. Umaporn Yodpratum Khon Kaen University</p> <p>Moderator: Dr. Umaporn Uawisetwathana National Center for Genetic Engineering and Biotechnology</p>	
16:30-17:30	Poster Presentation		
Day 3 (12 November 2025)			

8:30 – 9:00	Registration		
9:00 – 9:40	Plenary Talk: TBA By: Dr. Huiru Tang, Human Phenome Institute, Fudan University, China		
9:40 – 10:20	Plenary Talk: TBA By: Dr. Sunjae Lee		
10:20-10:30	Exhibitor's Talk by Agilent		
10:30-10:40	Exhibitor's Talk (TBA)		
10:40-10:50	Exhibitor's Talk (TBA)		
10:50 – 12:10	Metabolomics: Biotechnology (Auditorium) Speaker 1: Dr. Umaporn Uawisetwathana National Center for Genetic Engineering and Biotechnology Speaker 2: Dr. Duangthip Trisrivirat Vidyasirimedhi Institute of Science and Technology Speaker 3: Dr. Nawaporn Vinayavekhin Chulalongkorn University Speaker 4: Speaker 4: Selected from abstract submission Moderator: Dr. Sivamoke Dissook Chiang Mai University	Microbiome: Clinical (Meeting room 3) Speaker 1: Dr. Yotsawat Pomyen Chulabhorn Research Institute Speaker 2: Dr. Leelawadee Techasatian (MD) Khon Kaen University Speaker 3: Dr. Kamonnut Singkhamanan Prince of Songkla University Speaker 4: Dr. Chonnikant Visuthranukul Chulalongkorn University Moderator: Dr. Suchaorn Saengnipanthkul (MD) Khon Kaen University	
12:10 - 13:10	Lunch		
13:10 - 14:00	Sponsor and Poster Presentation Award		
14:00 - 14:20	TMA Host Handover Ceremony		
14:20 - 14:30	Closing Ceremony		