



The 3rd Thailand Metabolomics Association (TMA) Conference
 Metabolome-Microbiome in Health and Diseases for One Health
 As Part of the Reinventing University Project (FY 2026)
 10-12 November 2025
 Regional Science Park Northeast 1, 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 (The Beegins) Skin Microbiome Workshop By National Phenome Institute, Khon Kaen University	
12:00 - 13:00	Lunch		
13:00 - 13:15	Opening Ceremony Welcome Speech Dr. Pewpan Maleewong (MD) Vice President for Research and Innovation, 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	<p>Plenary Talk: Molecular Phenomics and Phenomic Medicine - An Integrative Path to Future Healthcare</p> <p>By: Dr. Jeremy Nicholson Emeritus Professor, Imperial College London, United Kingdom</p>	
13:55 - 14:30	<p>Plenary Talk: One Root, Many Diseases: Metabolomics and the Search for Common Soil</p> <p>By: Dr. Jianhong CHING DUKE-NUS, Singapore</p>	
14:30 - 15:05	<p>Plenary Talk: Computational Mass Spectrometry to Understand Metabolisms of Living Organisms</p> <p>By: Dr. Hiroshi Tsugawa Tokyo University of Agriculture and Technology, Japan</p>	
15:05 - 15:25	Break and Networking	
15:25 - 16:00	<p>Plenary Talk: TBA</p> <p>By: Dr. Jia Li Reader in Biological Chemistry, Department of Metabolism, Digestion and Reproduction, Faculty of Medicine, Imperial College London, United Kingdom</p>	
16:00 - 16:35	<p>Plenary Talk: Gut-Immune Crosstalk in Inflammatory Bowel Disease: Multiomics and Clinical Translation</p> <p>By: Dr. Zhigang Liu School of Medicine, The Children's Hospital, School of Medicine, Zhejiang University, China</p>	
16:35 - 17:00	<p>Plenary Talk: TBA</p> <p>By: Dr. Huiru Tang Human Phenome Institute, Fudan University, China</p>	
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: Bridging the Gap: from Research-Grade Methods to Routine Clinical Applications 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 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	<p>Metabolomics: Plant (Auditorium)</p> <p>Speaker 1: Dr. Pakorn Wattana-amorn Kasetsart University</p> <p>Speaker 2: Dr. Maysaya Thitisaksakul Khon Kaen University</p> <p>Speaker 3: Dr. Kornkanok Ingkaninan Naresuan University</p> <p>Moderator: Dr. Rossarin Tansawat Chulalongkorn University</p>	<p>Microbiome: Food and Drugs (Meeting Room 3)</p> <p>Speaker 1: Dr. Worarat Kruasuwan Mahidol University</p> <p>Speaker 2: Dr. Yaowared Chulikhit Khon Kaen University</p> <p>Speaker 3: 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: Personal Health AI Open Data Platform for Medical Research, Development, and Innovation By: Dr. Jutarop Phetcharaburanin Director of National Phenome Institute, Khon Kaen University, Thailand		
9:40 - 10:20	Plenary Talk: TBA By: Dr. Sunjae Lee School of Life Sciences, Gwangju Institute of Science and Technology, South Korea		
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 Moderator: Dr. Sakda Khoomrung Mahidol 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		