

Apr 26 (Fri.)

Time/Room	Joy Lounge	105	South Lounge
08:00-09:00	Registration		
09:00-10:30	WS 1: Applications of NGS bioinformatics analysis on tuberculosis epidemiology: a hands-on workshop 10:00-10:10 Opening Speaker: Prof. Hsien-Ho Lin	WS 2: Oxford Nanopore Technologies – Third-generation sequencing technology 10:00-11:20 Introduction to Nanopore Sequencing and Clinical Applications Speaker: Dr. Steven Su 11:30-12:00 Flow Cell Handling Practice Speaker: Mr. Robert Hung 12:00-13:00 Lunch break 13:00-14:40 Rapid Lambda Sequencing Practice Speaker: Mr. Robert Hung 14:50-17:00 Introduction to Data Analysis tools and EPI2ME Labs Practice Speaker: Dr. Steven Su / Mr. Robert Hung	WS 3: Endobronchial ultrasound 9:00-10:00 Radial-EBUS and Guiding Sheath Speaker: Prof. Oki Masahide 10:00-11:00 Convex-EBUS and TBNA Speaker: Dr. Yuji Matsumoto 11:10-12:30 Hands-on: R-EBUS image / GS / TBNA Moderator: Prof. Chao-Chi Ho Speaker: Dr. Lih-Yu Chang / Prof. Oki Masahide / Dr. Yuji Matsumoto
10:30-11:30	10:10-11:40 Application of NGS to understand local TB epidemiology – Australia / Moldova / Taiwan Speaker: Prof. Ben Marais / Prof. Ted Cohen / Prof. Hsien-Ho Lin		
11:30-12:30	11:40-12:00 Discussion Speaker: Prof. Ben Marais / Prof. Ted Cohen / Prof. Hsien-Ho Lin		
12:30-13:40	12:00-13:00 Lunch break 13:00-13:30 Linux environment introduction and basic commands Speaker: Prof. Chien-Yueh Lee		Lunch Break
13:40-15:00	13:30-14:20 Introduction of NGS and Overview of NGS Data pre-processing Speaker: Prof. Chien-Yueh Lee		WS 4: Cryobiopsy & Bronchoscopic thermal vapor ablation 13:40-14:40 Cryobiopsy Speaker: Prof. Takehiro Izumo 14:40-15:40 Bronchoscopic thermal vapor ablation (BTVA) Speaker: Dr. Lih-Yu Chang
15:00-16:30	14:30-15:30 Variant calling, phylogenetic tree and SNP distance calculation Speaker: Ms. Chieh-Yin (Jenny) Wu		
16:30-17:30	15:45-16:10 Identification of resistant-conferring mutations Speaker: Ms. Chieh-Yin (Jenny) Wu 16:10-16:30 Introduction of online analytical systems for bacterial research: MiDsystem and TBImpact		15:50-17:30 Hands-on: Cryobiopsy / Snare / APC / BTVA Moderator: Prof. Chih-Yen Tu Speaker: Prof. Takehiro Izumo / Dr. Chia-Hung Chen / Dr. Lih-Yu Chang

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Apr 27 (Sat.)						
Time/Room	Plenary Hall	201BC	201DE	201AF	102	105
07:30-08:30	Registration					
08:30-10:00	Sym 2: Impact of Emerging Respiratory Infectious Diseases on TB Moderator: Prof. Chih-Bin Lin / Prof. Giovanni Battista Migliori 08:30-09:00 Epidemic and pandemic viral infections: Impact on tuberculosis and the lung. Speaker: Dr. Charoen Chuchottaworn 09:00-09:30 Impact of COVID-19 on tuberculosis prevention and care in Malaysia Speaker: Dr. Asmah Razali 09:30-10:00 Control of COVID-19 pandemic and Tuberculosis, in Taiwan Speaker: Mr. Po-Wei Chu	Sym 4: Application of Intelligent Medicine in Critical Care Moderator: Prof. Chieh-Liang Wu / Prof. Kuo-Chin Kao / Dr. Chang-Wen Chen 08:30-09:00 Developing a Smart ICU Speaker: Prof. Ming-Ju Tsai 09:00-09:30 Explainable Machine Learning to Assist Weaning from Mechanical Ventilation in Critical Care Speaker: Dr. Wen-Cheng Chao 09:30-10:00 Digital Transformation Saves More Life Speaker: Dr. Wei-Cheng Chen	Sym 1: TB in PLHIV Moderator: Dr. Anita Pei-Chun Chan / Dr. Kasha Singh 08:30-09:00 Integrated strategies to find TB among PLWHAs in Viet Nam Speaker: Ms. Quynh Hoa Vu 09:00-09:30 Comprehensive package of HIV-TB-STI-Chem-sex care in Victoria, Australia Speaker: Dr. Kasha Singh 09:30-10:00 Experience with the governmental-funded hospital-initiated tuberculosis infection diagnosis and treatment among people living with HIV in Taiwan, 2019-2023 Speaker: Prof. Chien-Ching Hung	Sym 3: Burden of TB-related Diseases Moderator: Prof. Hsien-Ho Lin / Prof. Ben Marais 08:30-09:00 General TB Speaker: Prof. Ted Cohen 09:00-09:30 Pediatric TB Speaker: Prof. Ben Marais 09:30-10:00 The financial burden faced by tuberculosis-affected households: Taiwan and Beyond Speaker: Prof. Hsien-Ho Lin	Sym 6: Post-TB Complication Moderator: Dr. Wei-Chang Huang / Dr. Meng-Jer Hsieh 08:30-09:00 Chronic Pulmonary Aspergillosis: An Unignorable Post-TB Lung Disease Speaker: Dr. Meng-Rui Lee 09:00-09:30 Post-TB lung function change: an overview Speaker: Dr. Po-Jui Chang 09:30-10:00 Is prior history of TB a risk factor of lung cancer Speaker: Dr. Jeng-Sen Tseng	Sym 5: Opportunities and Challenges for Chronic Airway Diseases Moderator: Dr. Hao-Chien Wang / Prof. Shih-Lung Cheng / Dr. Wu-Huei Hsu 08:30-09:00 Impulse oscillometry: interpretation and clinical application in chronic airway diseases Speaker: Prof. Diahn-Wang Perng 09:00-09:30 Long-term trends of COPD mortality: Gaps and opportunities Speaker: Dr. Chia-Hung Chen 09:30-10:00 The environmental impact of inhalers for asthma: A green challenge and a golden opportunity Speaker: Dr. Horng-Chyuan Lin
10:00-10:10	Break					
10:10-11:10	Plenary Session 1: TB in Asia-Pacific Region: Past, Present and Future TB in APR Moderator: Prof. Guy Marks / Dr. Jen-Hsiang Chuang 10:10-10:40 The Evolution of the Taiwan TB Program: A Historical Perspective Speaker: Dr. Jen Suo 10:40-11:10 Strategy to end tuberculosis in the Asia-Pacific Region Speaker: Prof. Guy Marks					
11:10-12:10	Plenary Session 2: Universal Health Coverage (Health Economics) Moderator: Prof. Chen-Yuan Chiang / Prof. Shan-Chwen Chang 11:10-11:40 Tuberculosis and Universal Health Coverage Speaker: Ms. Emiko Masaki 11:40-12:10 Operational Modeling with Health Economics to Support Decision Making for COPD Patients Speaker: Dr. Chiung-Zuel Chen					
12:10-12:20	Break					
12:20-13:20		Lunch Symposium	Lunch Symposium	Lunch Symposium	Lunch Symposium	Lunch Symposium
13:20-13:30	Break					
13:30-14:40	TATA & TSTLD General Assembly Meeting (Members only)	Oral Presentation	Oral Presentation	Oral Presentation	Oral Presentation	Oral Presentation
14:40-14:50	Break					
14:50-16:20	Sym 10: Treatment Strategies for ARDS due to COVID-19 Moderator: Prof. Chung-Chi Huang / Dr. Chin-Pyng Wu / Dr. Shih-Chi Ku 14:50-15:20 High-flow nasal cannula for ARDS Speaker: Dr. Li-Kuo Kuo 15:20-15:50 Prone Positioning for ARDS Speaker: Dr. Ming-Cheng Chan 15:50-16:20 Extracorporeal membrane oxygenation for ARDS Speaker: Dr. Shu-Min Lin	Sym 12: NTM Diagnosis and Treatment Moderator: Prof. Satoshi Mitarai / Dr. Jung-Yien Chien 14:50-15:20 Challenge in interpreting serial sputum culture results Speaker: Dr. Chia-Jung Liu 15:20-15:50 Best supportive care for NTM-LD Speaker: Dr. Jung-Yien Chien 15:50-16:20 Anti-NTM treatment & timing of surgery Speaker: Dr. Wei-Chang Huang	Sym 8: Non-sequencing-based Diagnosis of TB and LTBI Moderator: Dr. Masae Kawamura / Dr. Bo-Shiun Yan 14:50-15:20 The Advancement of AI-Augmented Imaging Technology in the Diagnosis of Pulmonary TB Speaker: Dr. Yu-Sen Lin 15:20-15:50 Precision Diagnosis of Tuberculosis: Empowering Personalized Healthcare with Nano and Micro Technologies Speaker: Prof. Tony Hu 15:50-16:20 Immune Based Diagnosis of LTBI-Where We Are and Where We Are Going Speaker: Dr. Jennifer Ann Mendoza-Wi	Sym 9: Environment & TB Moderator: Prof. Inn-Wen Chong / Dr. Simone Barry 14:50-15:20 The impact of indoor population and ventilation on TB transmission Speaker: Dr. Anita Pei-Chun Chan 15:20-15:50 Exploring the Nonlinear Relationship between Air Pollutants and the Incidence of Respiratory Infectious Diseases in China (2013-2018) Speaker: Dr. Ta-Chien Chan 15:50-16:20 The impact of climate change on the risk factors for tuberculosis Speaker: Dr. Simone Barry	Sym 7: Regimen optimization and therapeutic drug monitoring Moderator: Prof. Chih-Hsin Lee / Dr. Jae-Gook Shin 14:50-15:20 Model Informed Precision Dosing and Semi-automated TDM for Personalized Medicine of Antituberculosis Drugs Speaker: Dr. Jae-Gook Shin 15:20-15:50 The role of Hollow-Fiber System in optimizing combinational regimen for mycobacterial disease Speaker: Dr. Shashikant Srivastava 15:50-16:20 LD-MS/MS method for simultaneous quantification of anti-TB agents Speaker: Dr. I-Lin Tsai	Sym 11: Sleep Apnea and Elderly Moderator: Dr. Chia-Mo Lin / Dr. Liang-Wen Hang 14:50-15:20 Concomitant obstructive sleep apnea and chronic obstructive pulmonary disease in elderly patients Speaker: Dr. Yung-Che Chen 15:20-15:50 The interrelationship between sleep duration, daytime sleepiness and sleep disordered breathing: role of age Speaker: Dr. Pei-Lin Lee 15:50-16:20 Sleep Apnea and sleep disorders in elderly dwelling community in Taiwan Speaker: Dr. Li-Pang Chuang
16:20-16:30	Break					
16:30-17:30	Plenary Session 3: Environment (Climate Change) & Pollution Moderator: Dr. Chi Chiu Leung / Prof. Shih-Lung Cheng 16:30-17:00 Tobacco control and TB prevention/care Speaker: Dr. Tara Singh Bam 17:00-17:30 Estimating the National Carbon Footprint of Inhalers in Healthcare Speaker: Prof. Ming-Ju Tsai					
17:30-18:10	Opening Ceremony					
18:30-20:30	Welcome Reception (Banquet Hall)					

Apr 28 (Sun.)

Time/Room	Plenary Hall	201BC	201DE	201AF	102	105	South Lounge		
07:30-08:30	Registration								
08:30-10:00	Sym 13: Programmatic Management of DRTB Moderator: Dr. Jen-Jyh Lee / Dr. Hoang Thi Thanh Thuy 08:30-09:00 Progress and challenges of programmatic management of drug-resistant TB in Indonesia Speaker: Dr. Erlina Burhan 09:00-09:30 Application of short regimens of rifampicin-resistant TB in Viet Nam: challenges and opportunity Speaker: Dr. Hoang Thi Thanh Thuy 09:30-10:00 Operation and challenges of Taiwan multidrug-resistant TB Consortium: the way forward Speaker: Dr. Chou-Jui Lin	Sym 29: Application of Tuberculosis Treatment in Lung Cancer Moderator: Prof. Yuh-Min Chen / Dr. Chin-Chou Wang / Dr. Te-Chun Hsia 08:30-09:00 Epidemiology of Tuberculosis and Lung Cancer Speaker: Dr. Chia-Hsiang Li 09:00-09:30 Treatment strategy of lung cancer in lung cancer patients with active tuberculosis Speaker: Dr. Chih-Hsi Kuo 09:30-10:00 Is antimicrobial drugs also response against lung cancer in lung cancer patient with Mycobacterium tuberculosis coinfections Speaker: Dr. Yung-Hung Luo	Sym 14: TB & Comorbidity Moderator: Dr. Yi-Ming Chen / Dr. Jennifer Ann Mendoza-Wi 08:30-09:00 The Burden and Impact of NCD Comorbidities On TB Control Speaker: Dr. Jennifer Ann Mendoza-Wi 09:00-09:30 Taiwan experience of catalyzing collaborative action on TB and Chronic Complex Diseases: Utilizing Systemic Autoimmune Diseases as a Paradigm Speaker: Dr. Yi-Ming Chen 09:30-10:00 Chronic lung disease and TB: current perspectives and the future Speaker: Prof. Chin Kook Rhee	Sym 15: Recent Progress of Lung Cancer Treatment Moderator: Prof. Jin-Yuan Shih / Dr. Kang-Yun Lee / Dr. Chun-Liang Lai 08:30-09:00 Recent advances in immunotherapy of early stage lung cancer Speaker: Dr. Chao-Hua Chiu 09:00-09:30 Recent Advances and the Dawn of Antibody-Drug Conjugates in lung cancer Speaker: Prof. Chien-Chung Lin 09:30-10:00 Recent Advances in Targeted Therapies of Lung Cancer Speaker: Dr. Ching-Yao Yang	Sym 17: Advances in Diagnostic Bronchoscopy Moderator: Prof. Chih-Yen Tu / Dr. Bin Hwangbo 08:30-09:00 EBUS-TBNA for Lung cancer Staging: Current Status and Future Directions Speaker: Dr. Bin Hwangbo 09:00-09:30 The diagnosis of lung nodule in the era of interventional pulmonology Speaker: Dr. Chia-Hung Chen 09:30-10:00 Application of hybrid operating room in the field of interventional pulmonology Speaker: Dr. Shun-Mao Yang	Sym 16: Environmental Lung Disease Moderator: Prof. Chau-Chyun Sheu / Prof. Yasuo Morimoto 08:30-09:00 Current status of air pollution and efforts to improve air quality in the Asia-Pacific region. Speaker: Prof. Yasuo Morimoto 09:00-09:30 Interactions between air pollution and gut microbiota on human health. Speaker: Prof. Peggy Lai 09:30-10:00 Innovative health promotion and environmental education under air pollution environment Speaker: Dr. Chih-Hsing Hung	Sym 18: Pulmonary Hypertension Moderator: Dr. Hsao-Hsun Hsu / Dr. Ching-Lung Liu 08:30-09:00 Living-donor lobar LTx for pulmonary hypertension Speaker: Dr. Daisuke Nakajima 09:00-09:30 Incidence and long-term outcome of chronic thromboembolic pulmonary hypertension in Taiwan Speaker: Dr. Chi-Wei Tao 09:30-10:00 Emerging new drugs for pulmonary hypertension Speaker: Dr. Ping-Hung Kuo		
	Break								
	10:00-10:10								
	10:10-11:10	Plenary Session 4: COVID-19 Moderator: Prof. Guy Marks / Prof. Kuo-Chin Kao 10:10-10:40 Challenges of emerging infectious diseases on tuberculosis prevention and care Speaker: Dr. Jae-Joon Yim 10:40-11:10 Prevalence, risk factor, and prognosis of long COVID: now and feature Speaker: Dr. Jia-Yih Feng							
Plenary Session 5: Update in Pulmonary Diseases Moderator: Dr. Pan-Chyr Yang / Dr. Hao-Chien Wang 11:10-11:40 Next generation sequencing for lung cancer in the era of precision therapy Speaker: Dr. Kuei-Pin Chung 11:40-12:10 Current update of acute exacerbation in interstitial lung diseases Speaker: Dr. Toru Arai									
12:10-12:20	Break								
12:20-13:20		Lunch Symposium	Lunch Symposium	Lunch Symposium	Lunch Symposium	Lunch Symposium			
13:20-13:30	Break								
13:30-14:40	Oral Presentation	Oral Presentation	Oral Presentation	Oral Presentation	13:40-16:00 TCCDC Side Event National TB Prevention and Control Program toward the Goal of TB Elimination				
14:40-14:50	Break					Break			
14:50-16:20	Sym 24: Health Insurance, Health Data, and Open AI Moderator: Dr. Shao-Haei Liu / Dr. Pau-Chung Chen 14:50-15:20 Advancing Taiwan's National Health Insurance: the New Epoch of Digital Governance Speaker: Dr. Chung-Liang Shih 15:20-15:50 Big data, where is it and where to go Speaker: Dr. Hung-Yi Chiou 15:50-16:20 The impact of open AI on healthcare Speaker: Prof. Fu-Chang Tsai	Sym 19: TB in Elder and Children Moderator: Prof. Ben Marais / Prof. Chou-Jui Lin 14:50-15:20 Closing the gap: advances in laboratory diagnosis of tuberculosis in children using non-sputum specimens Speaker: Dr. Rina Triasih 15:20-15:50 What is new: updates on child-friendly formulations for drug-susceptible and drug-resistant tuberculosis Speaker: Prof. Ben Marais 15:50-16:20 Unmet needs of elder TB patients: from screening, treatment, comorbidity management to palliative care Speaker: Dr. Jen-Hau Chen	Sym 20: Programmatic Management of DSTB: Progress and Challenges Moderator: Dr. Ruay-Ming Huang / Prof. Nicholas Paton 14:50-15:20 Rifampentine-based short course anti-tuberculosis therapy for drug susceptible tuberculosis and Taiwan experience Speaker: Dr. Chin-Chung Shu 15:50-16:20 The role of high dose rifampicin, linezolid, clofazimine in the short course regimen for drug susceptible tuberculosis and Korea experience Speaker: Prof. Nakwon Kwak 16:00-16:30 Incorporating newer drugs into regimens for treatment of drug-susceptible TB Speaker: Prof. Nicholas Paton	Sym 23: Interstitial Lung Disease Moderator: Dr. Hao-Chien Wang / Dr. Yoshikazu Inoue 14:50-15:20 The new treatment strategy of IPF Speaker: Dr. Toru Arai 15:20-15:50 The hypersensitive pneumonitis consensus in Japan Speaker: Dr. Yoshikazu Inoue 15:50-16:20 The progressive pulmonary fibrosis consensus of Taiwan Speaker: Dr. Tang-Hsiu Huang	13:40-16:00 TCCDC Side Event National TB Prevention and Control Program toward the Goal of TB Elimination	Sym 22: Lung Cancer Surgery Moderator: Dr. Chien-Sheng Huang / Dr. Pei-Ming Huang 14:50-15:20 Recent advances in preoperative tumor localization. Speaker: Prof. Po-Kuei Hsu 15:20-15:50 Outcome of Sublobar resection for Ealy stage NSCLC Speaker: Dr. Tsai-Wang Huang 15:50-16:20 Robotic surgery in Thoracic oncology Speaker: Mr. Shuenn-Wen Kuo			
	Break								
	16:20-16:30								
	16:30-17:30	Plenary Session 6: Advance in TB: Current & Future Moderator: Prof. Jann-Yuan Wang / Prof. Seiya Kato 16:30-17:00 New Diagnosis Speaker: Prof. Satoshi Mitarai 17:00-17:30 Recent advance in the treatment of tuberculosis Speaker: Prof. Giovanni Battista Migliori							
Gala Night (Grand Hyatt Taipei, 3F Grand Ballroom)									
18:30-20:30									

Apr 29 (Mon.)

Time/Room	201BC	201DE	201AF	102	105
08:00-09:00	Registration				
09:00-10:30	Sym 28: Programmatic Management of LTBI: Progress and Challenges Moderator: Dr. Hung-Ling Huang / Prof. Yan Lin 09:00-09:30 Completion, safety, and efficacy of tuberculosis preventive treatment regimens containing rifampicin or rifapentine Speaker: Dr. Nicholas Winters 09:30-10:00 Real-world experiences on LTBI intervention in people with risk factors Speaker: Prof. Yan Lin 10:00-10:30 Programmatic Management of LTBI: Progress and Challenges Speaker: Dr. Hung-Ling Huang	Sym 27: Rapid Molecular Diagnosis and Detection of DRTB Moderator: Dr. Kuan-Jen Bai / Dr. Sushil Pandey 09:00-09:30 Recent progress in the use of rapid molecular test for the detection of drug-resistant tuberculosis in the Philippines Speaker: Dr. Ramon P. Basilio 09:30-10:00 Diagnosis of bedaquiline, delamanid, and pretomanid resistance Speaker: Dr. Sushil Pandey 10:00-10:30 Rapid molecular tests for tuberculosis and tuberculosis drug resistance Speaker: Ms. Ya-Yen Yu	Sym 25: Case Finding: Active Case Finding and Systemic Screening Moderator: Prof. Chi-Li Chung / Dr. Erlina Burhan 09:00-09:30 Active case-finding for TB in Taiwan Speaker: Dr. Pin-Hui Lee 09:30-10:00 New model to end TB in VN Speaker: Dr. Huyen Truong 10:00-10:30 The strategies for TB case-finding in Indonesia Speaker: Dr. Fathiyah Isbaniah	Sym 21: Smoking and tuberculosis: a dangerous combination Moderator: Dr. Jia-Yih Feng / Dr. Chuan-Chin Huang 15:00-15:30 The impact of Tobacco Use on TB transmission Dynamics and Treatment Response Speaker: Dr. Chuan-Chin Huang 15:30-16:00 Smoking cessation: the experiences in Hong Kong Speaker: Dr. Chi Chiu Leung 16:00-16:30 Impact of cigarette smoke on lung health: interaction between smoke and tuberculosis Speaker: Dr. Sheng-Wei Pan	Sym 26: International Migration & TB Moderator: Prof. Seiya Kato / Prof. Yi-Wen Huang 09:00-09:30 TB among migrants in Japan -- How to tackle it towards Zero TB? Speaker: Dr. Akihiro Ohkado 09:30-10:00 Challenges and solutions of TB associated with migration: A US perspective Speaker: Dr. Masae Kawamura 10:00-10:30 Incident TB in migrants to Taiwan - Government views and policy priorities Speaker: Dr. Cheng-Yi Lee
10:30-11:00	Break				
11:00-12:00		Closing Ceremony			