

Personalized Precision Medicine of Tuberculosis

Organized by Center of Personalized Precision Medicine of Tuberculosis (cPMTb), Inje University

Supported by Korean Ministry of Science and ICT/ National Research Foundation of Korea / Busan Metropolitan City / Tuberculosis Research Division,
The Korean Academy of Tuberculosis and Respiratory diseases / Inje University / Alumni Association, Inje University College of Medicine

Date: May 29(Wed), 2019

Venue: Paradise Hotel Busan 2F Capri Room

Program	
9:00 ~ 9:20	Registration
Session 1	Personalized Medicine for Tuberculosis Therapy
	Co-Chair : Sung Soon Lee (Inje University Ilsan Paik Hospital) Hyun-kyung Lee (Inje University Busan Paik Hospital)
9:20 ~ 10:00	Personalized therapy in MDR-TB Jan Heyckendorf (Research Center Borstel, Germany)
10:00 ~ 10:30	Pharmacogenomics of antituberculosis drugs Rika Yuliwulandari (Yarsi University, Indonesia)
10:30 ~ 11:00	Application of PBPK modeling and simulation for personalized precision dosing of ethambutol Md Masud Parvez (Inje University College of Medicine, Korea)
11:00 ~ 11:20	Coffee Break
11:20 ~ 12:20	Opening Ceremony Welcome / Congratulatory Remarks Introduction of Center for Personalized Medicine of Tuberculosis: Jae-Gook Shin (Director, cPMTb, Inje University College of Medicine, Korea)
12:20 ~ 13:20	Luncheon
Session 2	The Model Based Approach for Personalized Therapy of Tuberculosis
	Co-Chair : Ho Kee Yum (Inje University Seoul Paik Hospital) Dong Hyun Kim (Inje University College of Medicine)
13:20 ~ 14:00	Personalized dosing and personalized duration of therapy in TB Tawanda Gumbo (Baylor Research Institute, USA)
14:00 ~ 14:30	Population pharmacokinetics of antituberculosis drugs for personalized dosing Jong-Lyul Ghim (Inje University Busan Paik Hospital, Korea)
14:30 ~ 15:00	Application of physiologically based pharmacokinetic modeling to manage the adverse events in multiple drug resistant patients in Vietnam Nguyen Thi Thu Phuong (Hai Phong University of Medicine and Pharmacy, Vietnam)
15:00 ~ 15:20	Coffee Break
Session 3	Korea as a Potential Leading R&D Country of Tuberculosis Eradication
	Co-Chair : Chul Hun Chang (Pusan National University Hospital) Jin Ho Chun (Inje University College of Medicine)
15:20 ~ 16:00	Oxazolidinones for TB treatment; past, present and future Clifton E. Barry III (National Institutes of Health, USA)
16:00 ~ 16:30	Optimal regimens and drug dosing for M. avium complex pulmonary disease Won-Jung Koh (Samsung Medical Center, Korea)
16:30 ~ 17:00	Tuberculosis situation in North Korea and prospect for TB transition in the Korean peninsula after peace regime Kyung Hyun Oh (Korean Institute of Tuberculosis, Korea)
17:00 ~ 17:30	Autophagy: a new strategy for host-directed therapy of tuberculosis Eun-Kyeong Jo (Chungnam National University College of Medicine, Korea)
Panel Discussion	Topic issue : Why, What, How we can do?
	Chair : Jae-Gook Shin (Inje University College of Medicine)
17:30 ~ 18:00	Panelist: Young Lag Cho (LegoChem Biosciences, Inc., Korea) Dae Yeon Kim (Masan National Tuberculosis Hospital, Korea) Jeongha Mok (Pusan National University Hospital, Korea) In-Sik Kong (Korea Centers for Disease Control and Prevention, Korea)
18:00 ~ 18:10	Closing Remarks