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 Tubersculosis and Respiratory diseases / Inje University / Alumni Association, Inje University College of Medicine

Date: 29 May, 2019
Venue: 2F Capri Room, Paradise Hotel Busan

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 Remark 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 Barry (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 Remark**