## Symposium 1. Clinical trials for *in vitro* diagnostics

- The role of institutional review boards in clinical performance studies using *in vitro* diagnostic medical devices
  - Duck-An Kim (Hanyang Univ.)

- The Ministry of Food and Drug Safety regulation to ensure performance requirements of *in vitro* diagnostic medical devices
  - Young Wook Ahn (MFDS)

- Korea Health Industry Development Institute strategies for fostering *in vitro* diagnostic industry
  - Youran Kim (KHIDI)

### Commemoration Lecture

- Rapid diagnostics for blood culture
  - Miae Lee (Ewha Womans Univ.)

- Flowers blooming on my path as a clinical microbiologist
  - Sook-Jin Jang (Chosun Univ.)

### Plenary Lecture

- Development of diagnostic platform using CRISPR
  - Taejoon Kang (KRIIBB)

## Symposium 2. Updates on antimicrobial resistance of Gram positive cocci

- Vancomycin tolerance in *Staphylococcus aureus*
  - Seok Jun Mun (Inje Univ.)

- Antimicrobial resistance in *Enterococcus faecium*
  - Soo Hyun Kim (Chonnam National Univ.)

- Antimicrobial resistance in *Streptococcus pneumoniae*
  - Jeong Hwan Shin (Inje Univ.)

## Symposium 3. MALDI-TOF mass spectrometry in clinical microbiology

- Benefits and limitations of MALDI Biotyper®
  - Myeong Hee Kim (Kyung Hee Univ.)

- Hands-on experience in VITEK® MS
  - Tae Yeul Kim (Samsung Med. Ctr)

- MALDI-TOF mass spectrometry for the identification of filamentous fungi
  - Jayoung Kim (Catholic Kwandong Univ.)

### Young investigator’s Lecture

- Big data analysis using statistical model and machine learning methods in clinical microbiology
  - Min Hyuk Choi (Severance Hosp.)

- Genotypic mutations of fluoroquinolone-resistant *Mycobacterium tuberculosis*
  - Kyuhwa Hur (Eulji Univ.)