

The 15<sup>th</sup> Symposium  
The Korean Society of Clinical Microbiology

# Emerging Infectious Diseases and Antimicrobial Resistance

2025. 2. 7. **FRI** | 과학기술컨벤션센터

## Preparedness and Laboratory Advances in Korea

### Symposium 1. Antimicrobial stewardship program and support using diagnostic stewardship

|   |                                       |
|---|---------------------------------------|
| Introduction of ASP pilot program in Korea                                    | Na-Ri Shin (KDCA)                     |
| Implementation of ASP pilot program in hospital                               | Sung-Yeon Cho (Catholic Univ.)        |
| ASP supporting diagnostic stewardship program                                 | Jaehyeon Lee (Jeonbuk National Univ.) |
| Antimicrobial susceptibility testing when there are no breakpoints/guidelines | Hyukmin Lee (Yonsei Univ.)            |

### Plenary Lecture

|  |   |
|--|---|
| Clinical microbiology laboratory automation and AI | Marc Desjardins (Eastern Ontario Regional Laboratory Association, Ottawa Univ., Canada) |
|--|---|

### Symposium 2. Understanding emerging/re-emerging infectious diseases

|  |                                   |
|--|-----------------------------------|
| Influenza (H5N1)   | Min Kang (Jeonbuk National Univ.) |
| Mpox/Oropouche virus   | Changseung Liu (Ulsan Univ.)      |
| Marburg virus  | Namhee Kim (Seoul National Univ.) |
| <i>Bordetella pertussis</i> / <i>Corynebacterium diphtheriae</i> | Yoonsun Yoon (Korea Univ.)        |

### Symposium 3. Preparedness for emerging/re-emerging infectious diseases

|  |   |
|--|---|
| National preparedness for emerging/re-emerging infectious diseases   | Jae-Sun Park (KDCA)   |
| Development of capacity for emerging/re-emerging infectious diseases | Youn Woo Lee (Government-wide R&D Fund for Infections Disease Research) |
| Korean guidelines for biosafety and plan for clinical laboratory     | Tae-Jong Son (KDCA)   |
| Current situation of biosafety in hospital                           | Ki Ho Hong (Yonsei Univ.)   |

### Young Investigator Award Lecture

|  |                            |
|--|----------------------------|
| Molecular epidemiologic analysis of MDR bacteria using whole genome sequencing | Do-Kyun Kim (Yonsei Univ.) |
|--|----------------------------|