

The 7th Korea-Japan International Symposium on Microbiology

October 21 (Thursday)

18:30 – 20:00 Welcome Party

October 22 (Friday)

Session I. Molecular pathogenesis of bacterial disease

Chair: Sun Sik Chung (Chonnam National University)

09:00–09:30 Pathomechanism of *Vibrio vulnificus* RtxA Toxin: An Update for Hemolysis, Tissue Necrosis, and the Translocation into Blood Stream

Joon Haeng Rhee (Chonnam National University)

09:30–10:00 Microbial Pathogenesis and Oxidative Stress: Molecular Mechanism of Stress Responses

Takaaki Akaike (Kumamoto University)

10:00 – 10:30 Analysis of Proteome Components of *Helicobacter pylori*

Seung-Chul Baik (Gyeongsang National University)

10:30–10:45 Coffee Break

Chair: Michio Ohta (Nagoya University)

10:45–11:15 Molecular Aspects of Invasive Group A *Streptococcus* Infections Induced by Intranasal Superinfection with Influenza A Virus in Mice

Shigetada Kawabata (Osaka University)

11:15-11:45 Staphylococcal Blistering Diseases –Etiology and Epidemiology –

Motoyuki Sugai (Hiroshima University)

11:45-13:30 Lunch and poster presentation

13:30-14:00 Genome of *Orientia tsutsugamushi*

Ik-Sang Kim (Seoul National University)

Session II. New techniques for an identification of mechanisms of pathogenesis *in vitro* or *in vivo*

Chair: Se Jong Kim (Yonsei University)

14:00-14:30 Multiplex Realtime PCR and Microarray for Screening and Monitoring Infectious Diseases and Environmental Bacterial Population

Takayuki Ezaki (Gifu University)

14:30-15:00 Use of *rpoB* Sequences for the Identification of Slowly Growing and Fastidious Pathogenic Microorganisms

Yoon-Hoh Kook (Seoul National University)

15:00-15:30 Microarray-based Analysis of Virulence Gene Expression in *Clostridium perfringens*

Tohru Shimizu (Kanazawa University)

15:00-15:30 Coffee Break

Chair: Masao Mitsuyama (Kyoto University)

15:30-16:20 Molecular Typing of Antibiotic Resistant Bacteria: Multilocus Sequence Typing (MLST) and More

Kwan Soo Ko (ARFID, Sungkyunkwan University)

16:20-16:50 Molecular Biological Techniques for the Rapid Detection of Drug Resistance and Genetic Diversity of *Mycobacterium tuberculosis*

Yasuhiko Suzuki (Tottori University)

16:50-17:20 Polymorphisms of the Regions of Differences (RD) in the Clinical Strains of *Mycobacterium tuberculosis*

Hyeyoung Lee (Yonsei University)

18:30-21:00 Reception