

The 10th Japan- Korea International Symposium on Microbiology

◇ 25(Thur) March 2010

Room Canal (2nd Floor) at the Hotel- NAVIOS YOKOHAMA

17:00~ Registration

17:30~19:00 Welcome Reception

◇ 26(Fri) March 2010

Pacifico Yokohama, Room 303

Opening ceremony(8:55-9:00): Shigeru Kamiya (Kyorin University, Japan)

Symposium 1: Pathogenesis of Microbial infections (9:00-10:20)

Chaipersons: Myung-Je Cho (Gyeongsang National University Medical School, Korea)

Takashi Yokochi (Aichi Medical University, Japan)

- S1-1** Global gene expression profile of *Orientia tsutsugamushi*
Nam-Hyuk Cho (Seoul National University College of Medicine)
- S1-2** Biogenesis of *Salmonella* membrane vesicles dependent on the post-translational control of PagC
Tomoko Yamamoto (Chiba University)
- S1-3** Genome wide analysis of *in vivo* *Vibrio vulnificus* gene expression employing a peritoneal cavity infection model
Soo-Young Kim (Chonnam National University Medical School)
- S1-4** Pleiotropic action of Vacuolating cytotoxin, VacA, of *Helicobacter pylori*
Toshiya Hirayama (Nagasaki University)

Symposium 2: Drug resistance of Microorganisms (10:35-11:55)

Chaipersons: Dong-Taek Cho (Kyungpook National University School of Medicine)

Kunikazu Yamane (National Institute of Infectious Diseases, Japan)

- S2-1** Characterization of florfenicol and β -lactam resistance in *Enterobacteriaceae* isolated from farm animals
Han-Sang Yoo (Seoul National University College of Veterinary Medicine)

S2-2 Physiological Functions of Multidrug Efflux Pumps in *Salmonella*

Kunihiko Nishino (Osaka University):

S2-3 Biofilm as an emerging concept of antimicrobial resistance

Jung-Min Kim (Kyungpook National University School of Medicine)

S2-4 Contribution of external loops of OprM, the outer membrane component to substrate recognition by the *Pseudomonas aeruginosa* MexAB-OprM efflux pump

Eisaku Yoshihara (Tokai University) :

Lunch(11:55-13:00)

Poster session (13:00-14:00)

SL:Special lecture (14:00-14:45)

Chaiperson: Keiji Oguma (Okayama University, Japan)

Isolation of *Mycoplasma pneumoniae* and antimicrobial susceptibilities of the isolates

Myung-Woong Chang (Kosin University College of Medicine)

Symposium 3: Microbial genomics and proteomics (14:45-16:05)

Chaipersons: Sang-Nae Cho (Yonsei University College of Medicine)

Shigeru Kamiya (Kyorin University, Japan)

S3-1 Host cell killing mechanism of *Vibrio vulnificus* RTX toxin and its pathophysiological implications

Joon-Haeng Rhee (Chonnam National University Medical School)

S3-2 Metagenomic Analysis of Infectious Diseases

Tetsuya Iida (Osaka University)

S3-3 Cell elongation-mediated biofilm formation under anaerobic condition in *Pseudomonas aeruginosa*

Sang-Sun Yoon (Yonsei University College of Medicine)

S3-4 Comparative genome analysis for genetic instability of Acetic acid bacteria

Yoshinao Azuma (Yamaguchi University)

Coffee Break (16:05-16:20)

Symposium 4: Mycoplasma infection (16:20-17:40)

Chairpersons: Hyun-Chul Lee (Chonnam National University Medical School, Korea)

Yuko Sasaki (National Institute of Infectious Diseases, Japan)

S4-1 Prevalence of *Mycoplasma pneumoniae* infections in Korea

S ang-Oun Jung (Korea Centers for Disease Control and Prevention)

S4-2 Establishment of mycoplasma pneumoniae-mouse model and evaluation of antimicrobial activities by the model

Haruhiko Taguchi (Kyorin University)

S4-3 Characterization of *Mycoplasma hominis* and *Ureaplasma urealyticum* mutations involved in resistance to tetracycline, macrolides and quinolones.

Indal Park (Kosin University college of Medicine)

S4-4 Phytoplasma and its pathogenesis

Shigetoh Namba (The University of Tokyo)

Closing ceremony (17:40-17:45): Shigeru Kamiya (Kyorin University, Japan)

Dinner cruise (18:40~)