

2016 년 2016 년 13 차 한일국제미생물학심포지엄 및 127 차 하계정기학술대회

■ 2016 년 5 월 12 일

- 127 차 하계정기학술대회
- 강연장소: K 호텔 신관 3 층 화랑 BC 홀

13:00 ~ 14:00 : 하계정기학술대회 등록

14:00 ~ 14:10 : 개회사

S1 신진연구자 구연 / 좌장: 홍영진(전남의대)

14:10-14:40 김지연(고신의대)

Adaptive mechanisms of Burkholderia symbiont in the gut of Riptortus host

14:40-15:10 이해미(충남의대)

NLRP3 inflammasome activation during mycobacteria infection

15:10-15:40 장지찬(경상대)

Modified anti-TB drug discovery

SL 퇴임강연 / 좌장: 정상인(중앙의대)

15:40-16:20 이현철(전남의대)

S2 학생연구자 구연 / 좌장: 박정규(충남의대)

16:20-16:40 김이삭(충남의대)

Peroxisome proliferator-activated receptor alpha agonists induce antimicrobial activity against Mycobacterium tuberculosis through activation of autophagy

16:40-17:00 임대진(전남의대)

Ferroportin promote ROS influx into Salmonella containing vesicle resulting in intramacrophage bacterial killing.

17:00-17:20 김유리(서울의대)

Regulation of metabolic signaling by herpesviral protein Tip

17:20-17:40 권순욱(경상의대)

CagA protein purification of Helicobacter pylori

18:00 ~ 20:00 : 환영연 거문고C홀 (K호텔 본관 2층 거문고홀)

■ 2016 년 5 월 13 일

- The 13th Korea-Japan International Symposium on Microbiology 2016 Symposium
- 강연장소: K 호텔 신관 3 층 화랑 BC 홀

08:00 - 08:50 Registration (Continuation from the previous day)

08:50 - 09:00 Opening Ceremony

09:00 - 10:20 Symposium Session I : Innate immune sensing of bacterial infection

(Chairs: In-Hong Choi, Yonsei University College of Medicine / Akio Nakane, Hiroasaki Univ.)

S-1-1 Recognition of Mycoplasma and Induction of Inflammatory Responses

Takashi Shimizu (Associate prof. Yamaguchi University)

S-1-2 Recognition of Mycobacteria through C-Type Lectin Receptors

Sho Yamasaki (Prof. Kyushu University)

S-1-3 The study of transcriptional regulation by Ler in enteropathogenic Escherichia coli (EPEC)

Minsang Shin (Associate Prof., Kyungpook National University School of Medicine)

S-1-4 Regulation of pneumococcal infections by E3 ubiquitin ligase STUB1

Jae Hyang Lim (Associate Prof., Ewha Womans University School of Medicine)

10:20 - 10:35 Coffee break

10:35 - 11:55 Symposium Session I I: Bacterial effectors and host defense

(Chairs: Joon Haeng Rhee, Chungnam National University College of Medicine / Akio Abe, Kitasato Univ.)

S-2-1 Infection Strategy of *Helicobacter pylori*

Hitomi Mimuro (Associate prof. Tokyo University)

S-2-2 Mechanisms Underlying Intestinal Absorption of Botulinum neurotoxin Complex

Yukako Fujinaga (Prof. Kanazawa University)

S-2-3 Quorum sensing-mediated regulation of Acinetobacter virulence as a target for searching new antimicrobial agents

Chul Hee Choi (Associate Prof., Chungnam National University College of Medicine)

S-2-4 Molecular typing for Enteric Bacteria Diseases surveillance

Junyoung Kim (Korea National Institute of Health)

11:55 - 14:00 Lunch & Poster session

14:00 - 14:45 Special Lecture (Chair: Sang In CHUNG, ChungAng University, College of Medicine)

Host Defense and Oxidative Stress Signaling in Microbial Infections

Takaaki Akaike (Prof. Tohoku University)

14:45 - 16:05 Symposium Session III: Pathogenesis in intracellular bacterial infection

(Chairs: Woo-Kon Lee, Gyeongsang National University Graduate School of Medicine /
Yasuhiko Horiguchi, Osaka Univ.)

S-3-1 Type IVB Secretion System as an Essential Tool for Intracellular Life

Hiroki Nagai (Associate prof. Osaka University)

S-3-2 Rab Proteins in Autophagy: *Streptococcus* Model

Ichiro Nakagawa (Prof. Kyoto University)

S-3-3 Role of type 1 interferon signaling during *Orientia tsutsugamushi* infection

Nam-Hyuk Cho (Associate Prof., Seoul National University College of Medicine)

S-3-4 Transcriptional profiling of host responses to *Mycobacterium avium* subsp. *paratuberculosis* infection and identifying biomarker candidates

Min-Kyoung Shin (Associate Prof., Gyeongsang National University Graduate School of Medicine)

16:05 - 16:20 Coffee break

16:20 - 17:40 Symposium Session IV: New approaches and concepts in human pathogenic bacteria

(Chairs: Yoon-Won Kim, Hallym University, College of Medicine / Koichi Kuwano, Kurume Univ.)

S-4-1 Bacteriolysin on *Enterococcus faecalis* plasmid

Jun Kurushima (Assistant prof. Gunma University)

S-4-2 Type IX Secretion System and Gliding Motility in Bacteroidetes Phylum Bacteria

Koji Nagasaki (Prof. Nagasaki University)

S-4-3 Host-pathogen metabolic interaction in *Vibrio vulnificus* infection

Joon Haeng Rhee (Prof. Chonnam National University Medical School)

S-4-4 Contribution of Fibrinogen-Binding Protein to Pathogenesis of *Streptococcus* sp.

Ho Seong Seo (Senior Scientist, Advanced Radiation Technology Institute)

17:40 - 17:45 Closing Ceremony