

**THE 3<sup>rd</sup> KOREA-JAPAN  
INTERNATIONAL SYMPOSIUM  
ON MICROBIOLOGY**

Crystall Ball Room, Hotel Lottte Taedok, Yousong, Taejon, Korea

November 1, 1996

**SYMPOSIUM I: *Helicobacter* Infections**

Chairpersons: Chang-Hong Min (Ex-President, 1<sup>st</sup> KJISM)

Kenji Oguma (Okayama University, Japan)

SI-1 Chemotactic Response to Urea is a Potential Colonization and Persistence Factor  
of *H. Pylori*

Teruko Nakazawa (Yamaguchi University)

SI-2 Mechanistic Link between Stomach Cancer and *Helicobacter pylori* infection.

Kwang-Ho Rhee (Gyeongsang National University)

SI-3 Cholesteryl Glucoside as a Characteristic Feature of Membrane-lipid in  
*Helicobacter pylori* and Immunological Reaction in the *H. pylori* Infection.

Yoshikazu Hirai (Okayama University,)

SI-4 Incidence of Vacuolating Toxin Production by *Helicobacter pylori* isolated from  
Gastric Biopsy Specimens

Myung-Woong Chang (Koshin Medical College)

**ORAL SESSION I**

Chairpersons: Yong-Tae Yang (Chung-Ang University, Korea)

Yoshinari Ohnishi (Univ. of Tokushima, Japan)

O-1 Antiflagella Antibody and Viscosity Effect on *Campylobacter jejuni* Motility  
Mika Shigematsu (Kyushu University)

O-2 Development of a Vehicle Vector for Gene Transfer in *Helicobacter pylori*  
Myung-Je Cho (Gyeongsang National University)

O-3 Analysis of the Genes Responsible for O-Antigen Synthesis of *Vibrio cholerae* O1  
and O139 in Comparison with Those of *V. cholerae* Non-O1 and Non-O139  
Shinji Yamasaki (Internal Medical Center of Japan)

- O-4 Rapid Diagnosis of *Vibrio vulnificus* Septicemia from Clinical Specimens Using Nested-Polymerase Chain Reaction.  
Joon-Haeng Rhee (Chonnam National University)
- O-5 Molecular Characterization of the Hemolysin Produced by *Vibrio mimicus*  
Monzur Rahman (Okayama University, Japan)

### **SPECIAL LECTURE**

Chairperson: Tai-You Ha (Chonbuk National University, Korea)

A Story from BCG to Biologically Active Oligo-DNA

Tohru Tokunaga (Ex-President of National Institute of Health, Japan)

### **ORAL SESSION II**

Chairpersons: Min-Kee Cho (Hallym Univ. Korea)

Kazoonobu Amako (Kyushu Univ, Japan)

- O-6 A Study on the Collagen-Binding Domain of 116-Kilodalton *Clostridium histolyticum* Collagenase  
Akinobu Okabe (Kagawa Medical School)
- O-7 *Clostridium perfringens* Alpha-Toxin-Induced Hemolysis is Related to Activation of Phospholipid Metabolism Systems  
Jun Sakurai
- O-8 Activity of Levofloxacin against Aerobic Bacteria  
Yun-Sop Chong (Yonsei University)
- O-9 Structure and Function of the Nontoxic Components Associating with the *Clostridium botulinum* Neurotoxins  
K. Oguma (Okayama University)
- O-10 Cloning and Identification of the Virulence Genes Expressed in Virulent *Streptococcus pneumoniae*  
Hee-Soo Kim (Dongguk University)

### **ORAL SESSION III**

Chairpersons: Yang-Hyo Oh (Pusan National Univ, Korea)

Shinichi Nakamura (Kanazawa Univ, Japan)

- O-11 Seroepidemiologic and Phylogenetic Analyses of Hantavirus Infections in Korea  
Kee -Joon Song (Korea University)
- O-12 Production of Mouse Single Chain Fv Antibody to Surface Protein, preS1, of  
Hepatitis B Virus using Antibody Phage Display Library  
In-Hak Choi (Inje University)
- O-13 Detection of Adenovirus in Stools from Children with Diarrhea by Polymerase  
Chain Reaction  
Hae-Kyung Park (Ewha Womans University)
- O-14 Diversity of the 56-kDa Protein Genes of *Orientia tsutsugamushi*  
Ik-Sang Kim (Seoul National University)

#### ORAL SESSIONS IV

Chairpersons: Yun-Tai Lee (Danguk Univ., Korea)

Akinobu Okabe (Kagawa Medical School, Japan)

- O-15 Selective Induction of Th2 Type Cytokine Expression by Staphylococcal  
EnterotoxinB (SEB) in NOOD Mice  
Millina Lee (Ajou University)
- O-16 Studies on Mutants Streptococci with Monoclonal Antibodies-Comparison with  
Biochemical and Genetic Results  
F. Ota (Tokushima University)
- O-17 Long-Term Oral Administration of Ginseng Extract Increase Serum  
IgG and Decreases Serum Immunoglobulin G1 Isotype Level in  
Mice  
Yoon-Won Kim (Hallym University)
- O-18 Role of the Subunits Proteins of the Mex-Fflux Machinery in the Antibiotic  
Susceptibility and Extrusion in *Pseudomonas aeruginosa*  
Taiji Nakae (Tokai University)
- O-19 Elevated IL-12, but Depressed IL-10 mRNA Productions of the Human  
Peripheral Blood Mononuclear Cells after Stimulation with Triton X-100  
Solubilized Protein (TSP) Antigen of *Mycobacterium tuberculosis* H37Rv  
Eun-Kyeong Jo (Chungnam National University)

## SYMPOSIUM II: MOLECULAR EPIDEMIOLOGY OF DRUG RESISTANCE

Chairpersons: Joo-Deuk Kim (Yonse Univ, Korea)

Hajime Hashimoto (Kitasato Institute, Japan)

- SII-1 Epidemiological Study of  $\beta$ -Lactamase: Dissemination of a Broad Spectrum  
Metallo  $\beta$ -Lactamase  
Michio Ohta (Nagoya University)
- SII-2 An Overview of Antimicrobial Resistance of Gram-positive and  $\beta$ -negative Cocci  
in Korea  
Yun-Sop Chong (Yonsei University)
- SII-3 Multidrug Resistance in *Pseudomonas aeruginosa*  
Naomasa Gotoh (Kyoto Pharmaceutical University)
- SII-4 Evolution of Antimicrobial Resistance Genes as a Molecular Epidemiological  
Marker  
Dong-Taek Cho (Kyungpook National University)