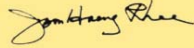


Invitation 2006 International CVRDC-RIMD Joint Symposium

It

is my great pleasure to invite you to the 2006 International CVRDC-RIMD Joint Symposium. Welcome to this wonderful opportunity that will provide warm exchange of up-to-date scientific achievements and friendship between the two research institutions. As the host of the symposium, I pay utmost gratitude to the director Dr. Taroh Kinoshita and RIMD committee for deciding to join this symposium. The Research Institute of Microbial Diseases (RIMD) of Osaka University has a very long history and is respected for its brilliant scientific achievements. On the other hand, the Clinical Vaccine R&D Center (CVRDC) just started its career in 2005. The friendship and support of RIMD will serve nutritious fertilizer for the growth of CVRDC as a world-class research group. The organizing committee decided the title of symposium as "Infection, Immunity & Vaccine". The three words in the symposium title incarnate long time struggles of human being against life-threatening dangers. I believe that the development of specific vaccines on the basis of immunologic knowledge was a ground breaking milestone in the life science history. We, the CVRDC supported by the Korean Ministry of Commerce, Industry and Energy, have just hit the road for a long journey of developing better vaccines in collaboration with Jeonnam Province and Hwasun County, where an ambitious construction of new vaccine industry is under way. Human beings are still confronting challenges of newly emerging infectious diseases and never decreasing cancers. During past decades, we have been making progresses in genomics, proteomics, stem cell biology, and immunology. Conventional vaccines, in the past, were developed rather empirically. Newly developing scientific disciplines prod vaccine R&D into a new dimension. Achievements in genomics and molecular biology enabled scientists to invent vaccines with more target-specificity and less adverse effects. Cell-based immunotherapy emerged as the most plausible measure against intractable neoplastic diseases. In the International Joint Symposium entitled "Infection, Immunity & Vaccine", many important topics will be discussed under the session titles of Molecular Microbiology, Virology Update, Signaling in Immunity, Regulation in Immunity, Immunity & Vaccine, and New Paradigm Cancer Therapy. All the topics will be presented by outstanding speakers exclusively from RIMD and CVRDC. I hope that this joint symposium will foster the ground to promote the friendship and productive collaboration between the two institutions. I guarantee to the all participants that everyone will have an exciting and very informative symposium. Please, visit the beautiful historic area Hwasun located just south of Gwangju metropolitan city and enjoy intellectual challenges in Infection, Immunity and Vaccine.



Joon Haeng Rhee, MD, PhD
Director, Clinical Vaccine R&D Center



Location

2006 International CVRDC-RIMD Joint Symposium "Infection, Immunity & Vaccine"

Hosted by
Clinical Vaccine R&D Center (CVRDC)
Chonnam National University, Korea and
Research Institute for Microbial Diseases (RIMD)
Osaka University, Japan

Date
2006. 11. 9 (Thu) - 11. 10 (Fri)

Place
Deokjae Hall (1st floor),
Chonnam National University Medical School,
Gwangju, Korea



산업자원부지정
임상백신연구개발사업단
Clinical Vaccine R&D Center

519-809 전라남도 화순군 화순읍 일심리 160 화순전남대병원 내
Chonnam National University Hwasun Hospital
160 Ilsim-Ri, Hwasunup, Hwasun-County, Jeonnam 519-809, Korea
Tel : +82-61-379-7892 Fax : +82-61-379-7895
www.vaccinekorea.org

CVRDC
Clinical Vaccine
R&D Center
전남대학교
임상백신연구개발사업단

RIMD
Research Institute for
Microbial Diseases,
Osaka University
오사카대학교
미생물병연구소

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Deokjae Hall (1st floor),

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Infection, Immunity & Vaccine Program Schedule

11/9
Day 1

- 09:00 - 09:15 **Opening remark**
Jung Chae Kang (President, Chonnam National University)
- 09:15 - 09:30 **Welcome address**
Joon Haeng Rhee (Director, CVRDC, Chonnam National University)

Plenary Lecture I

Chair: Sun-Sik Chung (Professor, Chonnam National University Medical School)

- 09:30 - 10:20 **Taroh Kinoshita** (Director, RIMD, Osaka University)
Overview of Research Institute for Microbial Diseases of Osaka University & roles of glycosylphosphatidylinositols in host and parasites
- 10:20 - 10:40 Coffee break

Molecular Microbiology I

Chair: Tac-Hyun Paik (Professor, Konyang University Medical School)

- 10:40 - 11:10 **Shee Eun Lee** (Assistant professor, School of Dentistry, Chonnam National University)
In vivo expressed genes of *Vibrio vulnificus*: Seeking for new therapeutic targets
- 11:10 - 11:40 **Tetsuya Iida** (Professor, RIMD, Osaka University)
Type III secretion systems of *Vibrio parahaemolyticus*
- 11:40 - 12:10 **Shigeki Kamitani** (Research Associate, RIMD, Osaka University)
Structural analysis of *Pasteurella multocida* toxin
- 12:10 - 13:30 Lunch break

Molecular Microbiology II

Chair: Takeshi Honda (Professor, RIMD, Osaka University)

- 13:30 - 14:00 **Young Ran Kim** (Lecturer, Dongshin University)
Multifunctional RTX toxin of *Vibrio vulnificus*
- 14:00 - 14:30 **Yeongjin Hong** (Assistant professor, Chonnam National University Medical School)
The surface display of SARS viral epitope using *Salmonella typhi* Cytolysin A
- 14:30 - 15:00 **Yusuke Maeda** (Associate professor, RIMD, Osaka University)
Fatty acid remodeling of GPI-anchored proteins
- 15:00 - 15:30 **Nirianne M. Q. Palacpac** (Research associate, RIMD, Osaka University)
Insights on the *Plasmodium vivax* serine repeat antigen multigene family
- 15:30 - 15:50 Coffee break

Virology Update

Chair: Myung-Je Cho (Professor, Gyeongsang National University Medical School)

- 15:50 - 16:20 **Mayo Ueda** (PhD Student, RIMD, Osaka University)
Comparative study on life cycles of influenza A virus in MDCK and A549 cell lines
- 16:20 - 16:50 **Kyoung-Oh Cho** (Associate professor, Chonnam National University)
Molecular Characterization of Novel G5 Bovine Rotavirus Strains
- 16:50 - 17:20 **Jun-ichi Sakuragi** (Research associate, RIMD, Osaka University)
HIV-1 genome RNA dimerization and viral life cycle
- 17:20 - 17:40 **Closing remark**
Joon Haeng Rhee (Director, CVRDC)
Taroh Kinoshita (Director, RIMD)
- 18:30 - Welcome party

11/10
Day 2

- 09:00 **Opening remark**
Baik Yoon Kim (Dean, Chonnam National University Medical School)

Plenary Lecture II

Chair: Myungsik Choi (Professor, Seoul National University Medical School)

- 09:10 - 10:00 **Victor J. DiRita** (Professor, University of Michigan Medical School, USA)
Studies of *Vibrio cholerae* in an *in vitro* M cell model
- 10:00 - 10:10 Coffee Break

Signaling in Immunity

Chair: Yoshiharu Matsuura (Professor, RIMD, Osaka University)

- 10:10 - 10:40 **Bok Yun Kang** (Assistant professor, College of Pharmacy, Chonnam National University)
The role of repressor of GATA (ROG) in T cell activation
- 10:40 - 11:10 **Takayuki Abe** (Research associate, RIMD, Osaka University)
Modulation of TLR signaling pathway in immune cells by HCV proteins
- 11:10 - 11:40 **Teruhito Yasui** (Research associate, RIMD, Osaka University)
EB virus LMP1 signaling controls B cell life and death-tale of PKC regulated by TNF receptor/LMP1-associated proteins
- 11:40 - 12:10 **Daewoong Jo** (Assistant professor, Chonnam National University Medical School)
Intracellular therapy with SOCS3 inhibits inflammation and apoptosis
- 12:10 - 13:00 Lunch Break

Regulation of Immunity

Chair: Kazuyoshi Ikuta (Professor, RIMD, Osaka University)

- 13:00 - 13:30 **Sin-Hyeog Im** (Assistant professor, Gwangju Institute of Science and Technology)
Molecular mechanism of IL-10 gene regulation in primary CD4+ T cells
- 13:30 - 14:00 **Hisashi Arase** (Professor, RIMD, Osaka University)
Regulation of immune response by paired receptors
- 14:00 - 14:10 Coffee break

Immunity & Vaccine

Chair: Hun-Taeg Chung (Professor, Wonkwang University Medical School)

- 14:10 - 14:40 **Hyon E Choy** (Professor, Chonnam National University Medical School)
Vaccine based on ppGpp-mediated induction of *Salmonella* pathogenic genes
- 14:40 - 15:10 **Satoshi Uematsu** (Research associate, RIMD, Osaka University)
A new function of TLR5 in small intestine
- 15:10 - 15:40 **Mi-Na Kweon** (Chief scientist, International Vaccine Institute)
Cross-talk between skin and gut immunity via mesenteric lymph nodes
- 15:40 - 16:00 Coffee break

New Paradigm Cancer Therapy

Chair: Yasuhiko Horiguchi (Professor, RIMD, Osaka University)

- 16:00 - 16:30 **Jung-Joon Min** (Associate professor, Chonnam National University)
Molecular imaging of bacterial trafficking in cancer models
- 16:30 - 17:00 **Tae-Hoon Lee** (Assistant professor, Chonnam National University)
Epigallocatechin-3-gallate (EGCG) induces apoptosis of multiple myeloma throughout protein oxidation via H2O2 generation
- 17:00 - 17:30 **Deok-Hwan Yang** (Clinical professor, Chonnam National University Hwasun Hospital)
Safety and efficacy of autologous NK cell infusion for treatment of lymphoma
- 17:30 - 18:00 **Kyoung A Cho** (Assistant professor, Chonnam National University Medical School)
Caveolin-1 as a gate keeper of aging process: new modality for phenotypic restoration
- 18:00 - 18:20 **Closing remark**
Taroh Kinoshita (Director, RIMD)
Joon Haeng Rhee (Director, CVRDC)
- 19:00 - Farewell party