

# The 4th International RIMD - CVRDC Joint Symposium

June 17-18, 2010

Venue:

- Okayama Convention Center  
(Okayama, Japan)
- Kanonji Institute, The Research Foundation  
for Microbial Diseases of Osaka University  
(Kagawa, Japan)

**RIMD** Osaka University

# **The 4th International RIMD-CVRDC Joint Symposium**

June 17 (Thu) – 18 (Fri), 2010

Venue:

Kanonji Institute, The Research Foundation for  
Microbial Diseases of Osaka University, Kagawa, Japan

Okayama Convention Center, Okayama, Japan

## **Organized by**

Research Institute for Microbial Diseases, Osaka University

Clinical Vaccine R&D Center, Chonnam National University

Osaka University Global COE Program

“Frontier Biomedical Science Underlying Organelle Network Biology”

## **Organizing Committee (Osaka University)**

Research Institute for Microbial Diseases (RIMD)

Hitoshi Kikutani

Yasuhiko Horiguchi

Tetsuya Iida

Yusuke Maeda

Teruhito Yasui

Yoshiko Murakami

WPI Immunology Frontier Research Center (IFReC)

Taroh Kinoshita

Satoshi Uematsu

## Program

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### June 17 (Thu)

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10:00— Visit to **Kanonji Institute, The Research Foundation for Microbial Diseases of Osaka University** (Kagawa)

#### Special Session

**Yoshinobu Okuno** (Director, Kanonji Institute, The Research Foundation for Microbial Diseases of Osaka University)

19:00—21:00 Welcome Reception at Hotel Granvia Okayama

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### June 18 (Fri) Joint Symposium at Okayama Convention Center

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9:00—9:15 Opening Remarks

**Hitoshi Kikutani** (Director, RIMD, Osaka University)

**Joon Haeng Rhee** (Director, CVRDC, Chonnam National University)

#### 9:15—10:35 Session I Genomes and Microbe-Host Interaction

Chair: Yasuhiko Horiguchi (RIMD, Osaka University)

Jung-Joon Min (Chonnam National University Hwasun Hospital)

9:15 **OP-01 Shin-Ichiro Tachibana** (RIMD, Osaka University)  
Genome sequencing of a *P. vivax*-related monkey malaria parasite  
*P. cynomolgi*

9:35 **OP-02 Masayuki Horie** (RIMD, Osaka University)  
Analysis of Borna disease virus integration event

9:55 **OP-03 Vu Hong Nguyen** (Chonnam National University Medical School)  
Genetically engineered *Salmonella typhimurium* as a potential  
imageable therapeutic probe in small animal tumor models

10:15 **OP-04 Misun Yun** (Chonnam National University Medical School)  
Screening of the differentially expressed proteins in bacteria-targeted  
tumor tissue

10:35—10:50 Coffee Break

#### 10:50—12:10 Session II Microbial Invasion and Pathogenicity

Chair: Tetsuya Iida (RIMD, Osaka University)

Kyung A Cho (Chonnam National University Medical School)

10:50 **OP-05 Jae Sung Lim** (Chonnam National University Medical School)  
Caveolae-dependent actin reorganization via regulation of SopE and  
Rac1 during invasion of *Salmonella*

11:10 **OP-06 Shigeaki Matsuda** (RIMD, Osaka University)  
Cytotoxic effect of *Vibrio parahaemolyticus* thermostable direct  
hemolysin is dependent on lipid rafts

11:30 **OP-07 Hiroto Kambara** (RIMD, Osaka University)  
Autophagy is required for cell survival in cells replicating hepatitis C  
virus

11:50 **OP-08 Maria Terrese Alonzo** (RIMD, Osaka University)  
Accelerated platelet apoptosis is associated with platelet phagocytosis  
and thrombocytopenia in secondary dengue virus infection

12:10—13:30 **Lunch & Poster Session**

12:30—13:00 (odd number)

13:00—13:30 (even number)

13:30–14:50		<b>Special Session</b>
Chair: Taroh Kinoshita (IFReC/RIMD, Osaka University)		
13:30	<b>Toshihiro Horii</b> (Professor, RIMD, Osaka University)	Towards the clinical pipeline of SE36, a malaria vaccine that targets the achilles' heel antigen of <i>plasmodium falciparum</i> .
14:10	<b>Tamotsu Yoshimori</b> (Professor, Graduate School of Frontier Biosciences/Medicine, Osaka University)	Autophagy: Intracellular self-degradation system fighting against unwelcome guests inside cells
14:50–15:05	Coffee Break	
15:05–16:25		<b>Session III Immunological Response</b>
Chair: Teruhito Yasui (RIMD, Osaka University) Young Ran Kim (Dongshin University)		
15:05	<b>OP-09 Thanh Nhan Nguyen Pham</b> (Chonnam National University Hwasun Hospital)	DC <sub>NK</sub> , cross-talking from <i>bench</i> to animal study for cancer immunotherapy
15:25	<b>OP-10 Ho-Keun Kwon</b> (Gwangju Institute of Science and Technology)	Transcription factor Ets1 regulates development and progression of atopic dermatitis
15:45	<b>OP-11 Himanshu Kumar</b> (IFReC, Osaka University)	Involvement of the NLRP3 inflammasome in innate and humoral adaptive immune responses to $\beta$ -glucan
16:05	<b>OP-12 Sujin Kang</b> (IFReC, Osaka University)	Semaphorin 7A negatively regulates intestinal inflammation via IL-10 production by intestinal macrophages
16:25–16:40	Coffee Break	
16:40–18:00		<b>Session IV Vaccine</b>
Chair: Satoshi Uematsu (IFReC, Osaka University) Yeongjin Hong (Chonnam National University Medical School)		
16:40	<b>OP-13 Jae-Uoong Shim</b> (Chonnam National University Medical School)	Regulatory T cells are enhanced in the airways of a mouse model of allergen-induced asthma treated with co-administration of flagellin with allergen
17:00	<b>OP-14 Truong Chung Nguyen</b> (Chonnam National University Medical School)	Development of recombinant subunit vaccine by fusion antigens with flagellin FlaB adjuvant
17:20	<b>OP-15 Jae-Ho Jeong</b> (Chonnam National University Medical School)	Immune response induced by ppGpp-defective <i>Salmonella enterica</i> serovar Gallinarum in chickens
17:40	<b>OP-16 Masanori Yagi</b> (RIMD, Osaka University)	Immunogenicity of whole-parasite vaccines against <i>plasmodium falciparum</i> involves malarial hemozoin and host TLR9
18:00–18:15	Closing Remarks	
<b>Taroh Kinoshita</b> (Professor, IFReC/RIMD, Osaka University) <b>Joon Haeng Rhee</b> (Director, CVRDC, Chonnam National University)		
19:00–21:00	Dinner	