

## The 18<sup>th</sup> JBSA Annual Conference Program

November 14-15, 2018

Toyama Sunrise, Shinjuku-ku, Tokyo

**November 14, 2018 (1st Day)**

**Reception: 9:30~**

**Opening remark [9 : 55~10 : 00]**

Chairman: Shigeru Morikawa (National Institute of Infectious Diseases)

**Extension symposium [10 : 00~11 : 00]**

**Vaccine development for highly pathogenic agents**

Chairman: Masayuki Saijo (National Institute of Infectious Diseases)

- 1) International status of the countermeasures' development for the risk of bioterrorism, in which variola virus would be used as a bioweapon

Department of Virology 1, National Institute of Infectious Diseases

Masayuki Saijo

- 2) Development of Ebola vaccine based on a highly attenuated smallpox vaccine strain, LC16m8

Department of Virology I, National Institute of Infectious Diseases

Tomoki Yoshikawa

- 3) Development of recombinant vaccines against emerging and re-emerging infectious diseases using replication-incompetent rabies virus vector.

Department of Virology I, National Institute of Infectious Diseases

Mutsuyo Takayama-Ito

- 4) Establishment of animal models for highly pathogenic infectious diseases

Department of Pathology, National Institute of Infectious Diseases

Noriyo Nagata

**Workshop [11 : 10~12 : 40]**

**Laboratory animal biosafety**

Chairman: Ken-Ichi Hanaki (National Institute of Infectious Diseases)

- 1) Lessons learned from appearance of hemorrhagic fever with renal syndrome (HFRS) incidence in laboratory animal facilities

Hokkaido University Graduate School of Medicine

Jiro Arikawa

2) Alert: LCMV infection detected

RIKEN BioResource Research Center

Fumio Ike

3) Decontamination Rack for Infection Experiments

TECNIPLAST JAPAN CO., LTD.

Yuji Omura

**General Meeting [13 : 40~14 : 10]**

**Symposium 1 [14 : 20~15 : 50]**

**Ebola hemorrhagic fever in Democratic Republic of Congo**

Chairman: Shuetu Fukushi (National Institute of Infectious Diseases)

1) Overview of the Japan Disaster Relief (JDR) Infectious Diseases Response Team

International Cooperation Bureau, Ministry of Foreign Affairs of Japan

Tomonori Hasegawa

2) The public health and epidemiological activities of Japan Disaster Relief Infectious Disease Response Team for Ebola outbreak response in Equateur province, Democratic Republic of Congo

Bureau of International Health Cooperation, National Center for Global Health and Medicine

Masataro Norizuki

3) Laboratory diagnosis and biosafety at the National Institute of Biomedical Research (INRB), Democratic Republic of Congo

Department of Virology I, National Institute of Infectious Diseases

Masayuki Shimojima

**Educational lecture1 [16 : 10~17 : 10]**

Chairman: Kiyoshi Tanabayashi (National Institute of Infectious Diseases)

Evaluation of Japan's Health Security Capacity by WHO Joint External Evaluation (JEE) and Biosafety & Biosecurity

Department of Health Crisis Management, National Institute of Public Health

Tomoya Saito

**November 15, 2018 (2nd Day)**

**Reception: 9:30~**

**Applied Subjects 1 [10 : 00~11 : 00]**

Chairman: Shigeru Morikawa (National Institute of Infectious Diseases)

- 1) Present status on personal protection against biological hazardous agents  
Division of Biosafety Control and Research, National Institute of Infectious Diseases  
Katsuaki Shinohara, et al.
- 2) Consideration for control of inter-room airflow in containment facilities and its evaluation method  
Division of Biosafety Control and Research, National Institute of Infectious Diseases  
Toshihiko Harada, et al.
- 3) Comprehensive analyses on stability and inactivation of *Francisella tularensis*  
Department of Veterinary Science, National Institute of Infectious Diseases  
Akihiko Uda, et al.
- 4) Inactivation of severe fever with thrombocytopenia syndrome virus for laboratory safety  
Department of Virology 1, National Institute of Infectious Diseases  
Shuetsu Fukushi, et al.

**Applied Subjects 2 [11 : 20~12 : 00]**

Chairman: Kazuyoshi Sugiyama (National Institute of Infectious Diseases)

- 5) Materials placement of the work surface of BSC  
Hitachi Industrial Equipment Systems Co.,Ltd.  
Keiichi Ono
- 6) Consideration of the best sterilization condition for cynomolguses by using of pre-vacuum autoclave.  
Division of Biosafety Control and Research, National Institute of Infectious Diseases  
Shigeo Iki
- 7) Information and Risk management of Specialized Experiment Facility in Exotic Disease Research Station of National Institute of Animal Health, National Agriculture and Research Organization  
Biorisk Manager for Exotic Diseases, National Institute of Animal Health, National

Agriculture and Research Organization

Tomoaki Shimazaki

**Symposium 2 [13 : 00~14 : 30]**

**Crisis management for infection and biosafety in medical care**

Chairman: Hiroyuki Kunishima (St. Marianna university), Eiichi Kodama (Tohoku university)

1) Biosafety in health care for the Tokyo 2020 Olympic and Paralympic Games

Department of Infectious Diseases. St. marianna university

Hiroyuki Kunishima

2) Biosafety in medical institutions in Asia

JICA Project for Improvement of Hospital Management Competency (at Cho Ray Hospital in HCMC) Expert / National Center for Global Health and Medicine Bureau of International Health Cooperation

Hitomi Kurosu

3) Biosafety in Disaster Medicine

International Research Institute of Disaster Science, Tohoku university

Eiichi Kodama

**Educational lecture2 [16 : 40~15 : 40]**

Chairman: Takeshi Kurata (International University of Health and Welfare)

About the consideration situation toward establishment of BSL-4 facilities in Nagasaki University

National Research Center for the Control and Prevention of Infectious Diseases, Nagasaki University

Kensuke Nakajima