The 18th 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
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