The 16th JBSA Annual Conference Program

November 30-December 1, 2016
Omiya Sonic City
Saitama-shi, Saitama

November 30, 2016 (1st Day)

Reception: 9:30～

Opening remark [10:00～10:05]
Chairman: Koki Kaku (National Defense Medical College)

Educational lecture 1 [10:05～10:20]
Current epidemic situation of Emerging and Re-emerging infectious diseases, 2016
National Defense Medical College
Koki Kaku

Educational lecture 2 [10:25～11:05]
Chairman: Koki Kaku (National Defense Medical College)
Movement for technology development to protection and control of infectious diseases
National Defense Medical College Research Institute
Masayuki Ishihara

Educational lecture 3 [11:10～12:00]
Chairman: Koki Kaku (National Defense Medical College)
Mosquito-borne infectious diseases and Biosafety
National Institute of Infectious Diseases
Mutsuo Kobayashi

General Meeting [13:00～13:30]

Workshop 1 [13:30～15:20]
Present state and view of BSL-4
Chairman: Masayuki Saijo (National Institute of Infectious Diseases)
1) BSL-4 laboratory and research using infectious viruses
Department of Virology I, National Institute of Infectious Diseases  
Masayuki Shimojima

2) Ways of Minister Designation for BSL-4 facility in NIID as a facility handle Category 1 agents and affairs hereafter  
Department of Veterinary Science, National Institute of Infectious Diseases  
Shigeru Morikawa

3) Establishment of stronghold for infectious diseases using BSL-4 laboratory as core facility  
Nagasaki University  
Masahiro Horio

4) Research for Nipah virus infection in BSL-4 facility  
Institute of Medical Science, University of Tokyo  
Misako Yoneda

Symposium 1  [15:30~17:10]

Infection control in various scenes

Chairman: Mitsuaki Nagasawa (International University of Health and Welfare), Narumi Hori (National Center for Global Health and Medicine)

1) Biosafety in hospital diagnostic laboratories and education facilities –Survey by Japanese Society for Clinical Microbiology–  
Fukushima Medical University Hospital  
Noboru Ohana

2) Biosafety in commercial diagnostic laboratory  
BML, INC.  
Masahiro Shimojima

3) Risk assessment for infectious diseases assumed Tokyo Olympic game 2020  
National Center for Global Health and Medicine  
Koji Wada

4) Management on intensification of quarantine for Ebola hemorrhagic fever, MERS and how to prepare for new era of passenger ship in Tokyo Port  
Tokyo Quarantine Station  
Yumi Yokotsuka

5) Patient transport system including Risk 1 infectious disease in Tokyo Metropolitan Government  
Yoshiyuki Sugishita
**Applied Subjects (17:20~17:40)**
Chairman: Koki Kaku (National Defense Medical College)

1) Aseptic capability for BSC work place  
   Hitachi Industrial Equipment Systems Co., Ltd.  
   Keiichi Ono

2) World trend of consecutive treatment system for waste water from biological product manufacture  
   AIREX, CO, LTD.  
   Koji Kawasaki

---

**December 1, 2016 (2nd Day)**

**Reception: 8:30~**

---

**Workshop 2 (9:00~10:20)**

**Biosafety guideline and Accreditation**
Chairman: Takeshi Kurata (International University of Health and Welfare)

1) Introduction of outline of JBSA Laboratory biosafety guideline  
   Division of Biosafety Control and Research, National Institute of Infectious Diseases  
   Katsuaki Shinohara

2) Introduction for biosafety professional  
   Corporation for Production and Research of Laboratory Primates  
   Atsuo Kitabayashi

---

**Symposium 2 (10:30~12:10)**

**Biosafety and biosecurity –Infectious diseases in terms of Security–**
Chairman: Nariyoshi Shinomiya (National Defense Medical College), Tomoya Saito (National Institute of Public Health)

1) Biosecurity: Infectious diseases × Public health × Security  
   Department of Health Crisis Management, National Institute of Public Health  
   Tomoya Saito

2) Biosecurity and Control of pathogen possession and use  
   National Institute of Infectious Diseases, WHO Regional Office for the Western Pacific
3) Biosecurity and CBMs, BWC  
   Nihon Institute of Medical Science
Tomohiko Makino

4) Biosecurity and dual use issue  
   National Defense Medical College
Shuji Amano

Keynote address [13:30~14:20]  
Chairman: Norihiko Yamada (National Defense Medical College)  
Space medicine and biosafety  
   Japan Aerospace eXploration Agency, JAXA
Katsuhiko Ogata

Extension lecture [14:30~15:20]  
(Cosponsor: Kao Corporation professional service)  
Chairman: Keiji Kanemitsu (Fukushima Medical University)  
Measures against infectious diseases in the era of One World  
   Tohoku University School of Medicine
Mitsuo Kaku

Applied Subjects [15:30~16:20]  
Chairman: Koki Kaku (National Defense Medical College), Atsuhiro Kanayama  
(National Defense Medical College)  
1) Airtight capability test method in containment facility  
   Takenaka Corporation
   Hideaki Tani

2) Example of safety measures in case of earthquake – Suggestion for safekeeping container  
   Nagoya City Public Health Research Institute
   Rena Shimba

3) Features and outline of bioclean and biosafety laboratories, Takenaka Research and Development Institute  
   Takenaka Corporation
   Hiromichi Yanagi

4) Approach to stable room pressure control in containment facility
5) Present state of pathogen transportation from commercial diagnostic laboratory to regional health laboratories

BML, INC.

Nobuhiro Furudate

Closing remark [16:20~16:25]
Chairman: Koki Kaku (National Defense Medical College)