

The 19th JBSA Annual Conference Program

November 19-20, 2019

Toyama Sunrise, Shinjuku-ku, Tokyo

November 19, 2019 (1st Day) Reception: 9:30~

Opening remark [9:55~10:00]

Chairman: Kiyoshi Tanabayashi (National Institute of Infectious Diseases)

Educational lecture1 [10:00~11:00]

Laboratory Biosafety Guideline on Japanese Biological Safety Association, second edition

Chairman: Kazuyoshi Sugiyama (National Institute of Infectious Diseases)

1) Biosafety Management

Faculty of Textile Science and Technology, Shinshu University Katsuaki Shinohara

2) An Outline Physical System

Ikari Shodoku CO.,Ltd/Corporation for Production and Research of Laboratory Primates
Atsuo Kitabayashi

Symposium1 [11:10~12:40]

Countermeasure against Imported Infections in Preparation for Olympics•Paralympics in 2020

Chairman: Hiroyuki Kunishima (St. Marianna University)

1) Functions of Medical Facilities in Olympics•Paralympics

Department of Infection Control, School of Medicine, Fukushima Medical University
Keiji Kanemitsu

2) Regional Cooperation for Infection Control and Biosafety

St. Marianna University Hiroyuki Kunishima

3) Response to Infectious Diseases at Quarantine Station as an Entry Point

Infectious Disease Control Division, Ministry of Health, Labour and Welfare, Japan /
Tokyo Airport Quarantine Station Kazuhiko Ide

General Meeting [13:40~14:10]

Applied Subjects1 [14:20~15:10]

Chairman: Kiyoshi Tanabayashi (National Institute of Infectious Diseases)

1) Cleaning and Decontamination of the Work Area of BSC

Hitachi Industrial Equipment Systems Co.,Ltd. Keiichi Ono

2) Chlorine Dioxide Gas Considered as one of Decontamination Methods for Biosafety Laboratory

Ikari Sterifirm Co.Ltd. Makoto Watanabe

3) Rapid Sterilization of Bacillus anthracis Spore with Superfine Nanobubbles and High-density Ozone Molecular Water

National Research Institute of Police Science Yoshihito Fujinami

4) The Biorisk Managements and the Current Situations for the Handling of the Specimens of

Simians

The Corporation for Production and Research of Laboratory Primates

Masataka Hamano

- 5) Validation of Sterilization Conditions for Autoclaving Carcasses of Animals Used in Infection Experiments

National Institute of Infectious Diseases

Yasuhiro Kawai

Applied Subjects2 [15:10~15:50]

Chairman: Shuetsu Fukushi (National Institute of Infectious Diseases)

- 6) Questionnaire Survey for Biorisk Management Training in University

National Institute of Infectious Diseases

Shigeo Iki

- 7) Study for Application of GLP to Verification of Facilities Handling Biological Agents

National Institute of Infectious Diseases

Kazuyoshi Sugiyama

- 8) Training Program for Handlers to the Class III/IV Pathogens

National Institute of Infectious Diseases

Kiyoshi Tanabayashi

- 9) KM Biologics' Response to GAPIII (Progress up to Issuance of the Certificate of Participation)

KM Biologics Co., Ltd.

Motoharu Abe

Workshop1 [16:00~17:30]

Strategy and Program in Final Stage of Global Polio Eradication

Chairman: Hiroyuki Shimizu (National Institute of Infectious Diseases)

- 1) Current Status in Global Polio Eradication Program

Ministry of Health, Labour and Welfare, Health Service Bureau,
Tuberculosis and Infectious Diseases Control Division

Itsuro Yoshimi

- 2) Poliovirus-essential Facility

National Institute of Infectious Diseases

Shigeo Iki

- 3) Bio-risk Management of Potentially Infectious Materials for Poliovirus – Realistic Ways Forward –

National Institute of Infectious Diseases

Hiroyuki Shimizu

November 20, 2019 (2nd Day) Reception: 9:30~

Educational lecture2 [10:00~11:00]

Topics for Animal Infectious Diseases

Chairman: Kisyoshi Tanabayashi(National Institute of Infectious Diseases)

- 1) SFTS Virus Spreading in the Field

National Institute of Infectious Diseases

Ken Maeda

- 2) Risk Management of Zoonosis

– Each Situation of Pets, Wildlife, Farm and Laboratory Animals –

Okayama University of Science Faculty of Veterinary Medicine Department of
Veterinary Associated Science

Fumiko Ono

- 3) Diagnoses and Researches of Classical Swine Fever and African Swine Fever at NIAH
Exotic Disease Research Station National Institute of Animal Health Makoto Yamakawa

Workshop2 [11:00~12:30]

Current Status of BSL-4 Facilities in Foreign Countries and Japan

Chairman: Shigeru Morikawa (Okayama University of Science)

- 1) Comparative Analysis of Characters of Nipah Virus Strains in the Australia Animal Health Laboratory
Department of Microbiology, Faculty of Veterinary Medicine, Okayama University of Science
Shumpei Watanabe
- 2) The Research on Ebola Virus at Texas Biomed and Preparation for the BSL4 Facility Installation at Nagasaki University
National Research Center for the Control and Prevention of Infectious Diseases,
Nagasaki University Yasuteru Sakurai
- 3) BSL4 facility in Japan
National Institute of Infectious Diseases Masayuki Shimojima

Symposium2 [13:30~15:30]

Biosecurity in the New Era

Chairman: Tomoya Saito (National Institute of Public Health)

- 1) Global Biosecurity Policy Landscape
National Institute of Public Health Tomoya Saito
- 2) Synthetic Biology and Genetic Engineering from the View Point of Dual Use
Department of Electrical Engineering and Bioscience, Waseda University
Daisuke Kiga
- 3) Dual Use Research of Concern and Education of Life Science Researchers
National Defense Medical College Research Institute Nariyoshi Shinomiya
- 4) Perspective of Biosecurity at BSL-4 Facilities in Japan
Nagasaki University Kensuke Nakajima