

## **The 21<sup>st</sup> JBSA Annual Conference Program**

December 5-7, 2022

Toyama Sunrise, Shinjyuku-ku, Tokyo

### **December 5, 2022 Preconference**

**Reception: 10:30~ Zoom access: 10:30~**

#### **Preconference [11:00~17:00]**

Moderator: Shigeo Iki (National Institute of Infectious Diseases)

Practical Risk Assessment for Exposure Response

### **December 6, 2022 Annual Conference (1st Day)**

**Reception: 9:00~ Zoom access: 9:30~**

#### **Opening remark [9 : 50~10 : 00]**

Chairman: Kazutoshi Kogure (Hitachi Industrial Equipment Systems Co., Ltd.)

Katsuaki Shinohara (Shinshu University)

#### **Educational lecture [10 : 00~12 : 00]**

Chairman: Yasuhiro Kawai (National Institute of Infectious Diseases)

10:00~10:40

Risk Assessment in Biosafety - Risk Assessment Approach in the WHO Laboratory Biosafety Manual, 4th Edition and Risk Assessment Training-

National Institute of Infectious Diseases

Shigeo Iki

10:40~11:00

Risk assessment in Laboratory Biosafety guideline of Japanese Biological Science Association  
Shinshu University

Katsuaki Shinohara

11:10~12:00

A study of biorisk management in microbiological laboratories

Nagasaki University

Yohei Kurosaki

Validation of steam sterilization procedures for decontamination

Nagasaki University

Misako Yajima

#### **General meeting [13 : 10~13 : 40]**

Chairman: Katsuaki Shinohara (Shinshu University)

#### **Report from the committees [13 : 40~14 : 20]**

Chairman: Atsuo Kitabayashi (The Corporation for Production and Research of Laboratory • IKARI  
SHODOKU CO., LTD.)

#### **Special lecture I [14 : 30~17 : 30]**

Chairman: Katsuaki Shinohara (Shinshu University)

14:30~15:15

Summary of COVID-19 Infection Prevention and Control including Administrative Responses

Tohoku Medical and Pharmaceutical University

Mitsuo Kaku

15:15~16:00

Evolution of SARS-CoV-2 and change of its pathogenesis

National Institute of Infectious Diseases

Ken Maeda

16:00~16:45

Development of COVID-19 Vaccine

National Institute of Infectious Diseases

Hideki Hasegawa

16:45~17:30

Development of anti-COVID-19 drugs

National Institute of Infectious Diseases

Koichi Watashi

**Social gathering [18:00~]**

**December 7, 2022 Annual Conference (2nd Day)**

**Reception: 8:30~      Zoom access: 9:00~**

**Special lecture II [9:15~11:30]**

Chairman: Ken Maeda (National Institute of Infectious Diseases)

9:15~10:15

The Spread of The Novel Coronavirus Diseases (COVID-19)

National Defense Medical College

Koki Kaku, Atsuhiko Kanayama

10:15~11:00

COVID-19: Infection Prevention and Control in Health-care facilities.

St. Marianna University School of Medicine

Hiroyuki Kunishima

11:00~11:30

Personal Protective Equipment for COVID-19

Shinshu University

Katsuaki Shinohara

**Company Presentation [11:30~12:30]**

Chairman: Jyunichi Enokida (IKARI STERIFIRM CO., LTD)

1) NITTA AIR SOLUTIONS COMPANY

Kenichi Endo

2) Miltenyi Biotec K.K.

Akifumi Ogawa, Souhei Nakayama, Yoshihito Ootsuki

3) Hitachi Industrial Equipment Systems Co., Ltd.

Masashi Takasawa

4) IKARI STERIFIRM CO., LTD

Masahiro Shingaki, Toshio Sakai

**Symposium [13:30~15:30]**

**The Requirements, Responsibility and Role of Biosafety Specialists: Introduction of Biosafety Specialist Education in JBSA**

Chairman: Yohei Kurosaki (Nagasaki University)

13:30~14:00

Introduction the Laboratory Biosafety Specialist Certification System

The Corporation for Production and Research of Laboratory Primate·IKARI SHODOKU CO., LTD.

Atsuo Kitabayashi

14:00~14:30

Laboratory Biosafety Management - Introduction to WHO LBM (4th edition) and ISO35001 -

National Institute of Infectious Diseases

Kazuyoshi Sugiyama

14:30~15:00

Introduction to Architecture in Biosafety Facility Planning

Yamashita PMC Inc.,

Yasushi Sakata

15:00~15:30

Introduction of biosafety specialist education in JBSA: 「Practice Introduction」

Hitachi Industrial Equipment Systems Co., Ltd.

Kazutoshi Kogure

IKARI STERIFIRM CO., LTD.

Akihiko Sugiura

### **Applied Subjects [15:45~17:00]**

Chairman: Kazutaka Ohsawa (Nagasaki University)

- 1) BSC fan should be run for some time before beginning work and after completion of work in the BSC.  
Hitachi Industrial Equipment Systems Co., Ltd. Keiichi Ono
- 2) New Biosafety Training Course at OIST  
Okinawa Institute of Science and Technology Graduate University Toshinori Tanaka
- 3) Inactivation of surfactants effective on SARS-CoV-2 against influenza viruses  
National Institute of Infectious Diseases  
Shigeo Iki, Hirotaka Takagi, Kenichi Hanaki
- 4) Chlorine dioxide gas decontamination of biological safety cabinet  
1. IKARI STERIFIRM CO., LTD, 2. IKARI SHODOKU CO., LTD  
Mingoo Park<sup>1</sup>, Megumi Tanaka<sup>2</sup>, Yuji Sasaki<sup>2</sup>, Toshio Sakai<sup>1</sup>, Akihiko Sugiura<sup>1</sup>

### **Closing remarks [17:00~]**

Katsuaki Shinohara (Shinshu University)

### **Equipment exhibition [December 6 10:00~17:00, November 7 10:00~16:00]**

- AZEARTH Corporation
- IKARI STERIFIRM CO., LTD
- Hitachi Industrial Equipment Systems Co., Ltd.
- NITTA AIR SOLUTIONS COMPANY
- Miltenyi Biotec K.K.