

The 21st 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: 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 Eto
- 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 Park¹, Megumi Tanaka², Yuji Sasaki², Toshio Sakai¹, Akihiko Sugiura¹

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.