

The 22nd JBSA Annual Conference Program

Chairman: Hiroyuki Kunishima (School of Medicine, St. Marianna University)

November 24-25, 2023

Toyama sunrise, Shinjuku-ku, Tokyo

November 24, 2023 Annual Conference (1st Day)

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

Opening remark [9:50~10:00]

Chairman: Hiroyuki Kunishima (School of Medicine, St. Marianna University)

[10:00~12:00] Educational lecture 1 **Biosafety training**

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

10:00~10:30 The Utilization of Active Learning in Biosafety Trainer Exercises

Satoshi Inoue (National Institute of Infectious Diseases)

Chairman: Kazutoshi Kogure (NPO Biomedical Science Association)

10:30~11:20 About Train the Trainer (TtT) - Training Courses for Biosafety Trainers-

Shigeo Iki (National Institute of Infectious Diseases)

11:20~12:00 Introduction the Laboratory Biosafety Specialist Certification System

Atsuo Kitabayashi (The Corporation for Production and Research, IKARI SHODOKU CO., LTD.)

[13:00~13:30] General Meeting

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

[14:30~15:00] Educational lecture 2

Chairman: Hiroyuki Kunishima (School of Medicine, St. Marianna University)

The Impact of the COVID-19 Pandemic on Personal Protective Equipment and the Future - from a Company Perspective -

Yoko Yoshida (SARAYA Co., Ltd., Tohoku University)

[15:00~16:30] Symposium 1 **Biosafety and infectious diseases in medical facilities**

Chairman: Hiroyuki Kunishima (St. Marianna University), Yasuyuki Kato (International Center for Clinical Infectious Diseases)

15:00~15:20 Severe Fever with Thrombocytopenia Syndrome (SFTS)

Koichiro Suemori (Ehime University)

15:20~15:40 Epidemiologic Study of Our Hospital's COVID-19 Cluster and Infection Control

Recommendations

Tomonori Takano (St. Marianna University)

15:40~16:00 Antimicrobial Resistant Bacteria

Hisakazu Yano (Nara Medical University)

16:00~16:20 Preparing for Emerging and Re-emerging Infectious Diseases -The Role of

Nagasaki National Research Center for the Control and Prevention of Infectious Diseases-

Koichi Izumikawa (Nagasaki University)

[16:40~18:10] Applied Subjects

Chairman: Shigeo Iki (National Institute of Infectious Diseases)

16:40~16:55 On the Use of Bunsen Burner in BSC

Keiichi Ono (Hitachi Industrial Equipment Systems Co.,Ltd.)

16:55~17:10 Practice of Biorisk Management for SARS-CoV-2 Cultivation

Hiroaki Yoshida, Junichi Ishimura, Shouta Endou, Yousuke Hirai, Hiroyoshi Nihei, Takeshi Saika, Masaki Takanashi (LSI Medience)

Corporation, Infectious Diseases Testing Department)

Chairman: Daisuke Hayasaka (Yamaguchi University)

17:10~17:25 Temperature and Sterilization Effects in a Cylindrical Sterilizing Can during Sterilization by Gravity Displacement Autoclave

Shigeo Iki, Shoji Miki, Yuji Murakami and Ken-ichi Hanaki (National Institute of Infectious Diseases)

17:25~17:40 Comparative evaluation of virus disinfection by quaternary ammonium chloride disinfectants

Yohei Kurosaki¹, Asako Mori¹, Misako Yajima¹, Shintaro Shichinohe², Kensuke Nakajima¹ (Nagasaki University¹, Osaka University²)

Chairman: Yohei Kurosaki (Nagasaki University)

17:40~17:55 Study of Gas Phase Circulation Methods and Circulation Flow Rates in the Decontamination of Class II Biosafety Cabinets.

Megumi Tanaka, Park Mingoo, Toshio Sakai, Yuji Sasaki, Akihiko Sugiura (IKARI Sterifirm Co., Ltd.)

17:55~18:10 Study of Decontaminant (Odor and Gas) Removal Equipment Inside Cabinet after Decontamination of Class II Biosafety Cabinets.

Kazuo Kanazawa¹, Miyuki Sugaya¹, Takumi Kanno², Hiroki Yamashita², Akihiko Sugiura² (InLabTech Japan LLC¹, IKARI Sterifirm Co., Ltd.²)

[18:30~20:00] Social gathering

November 25, 2023 Annual Conference (2nd Day)

Reception: 8:30~ Zoom access: 8:15~

[9:00~11:00] Symposium 2

Overview of Facilities and Equipment Related to Biopharmaceutical Manufacturing

Chairman: Yasushi Sakata (Yamashita PMC Inc.)

9:00 ~ 9:50 Overview of Facilities and Equipment Related to Biopharmaceutical Manufacturing

Atsuo Kitabayashi (The Corporation for Production and Research, IKARI SHODOKU CO., LTD.)

10:00~10:40 Biosafety Laboratory : Overview of Suite Laboratory Facilities

Satoshi Miyajima (YAMASHITA SEKKEI INC.)

10:40~11:00 Discussion

[11:00~12:10] Presentation of exhibitor

Chairman: Junichi Enokida (IKARI STERIFIRM Co., Ltd.)

11:00~11:15 Introduction of Tester for Fitting of Masks

Kentaro Kojima (Sibata Scientific Technology ltd.)

11:15 ~ 11:30 MACSQuant[®] Tyto[®] with an Innovative Biosafety Technology Enabling Aerosol-Free Cell Sorting

Fumiaki Ogawa, Sohei Nakayama, Yoshihito Otsuki (Miltenyi Biotec K.K.)

11:30~11:45 Description of Exhaust HEPA Filter Unit and Biological Safety Cabinet

Masashi Takasawa (Hitachi Industrial Equipment Systems Co.,Ltd.)

11:45 ~ 12:00 Chlorine Dioxide Gas Decontamination Service for Class II Cabinets for Biohazard Control

Shibuya Haruki, Mingoo Park, Megumi Tanaka, Yuji Sasaki, Akihiko Sugiura (IKARI Sterifirm Co., Ltd.)

[12:20~13:10] Luncheon seminar

Chairman: Mitsuo Kaku (Tohoku Pharmaceutical University)
Reconsideration for Improvement of Environment
Hiroshige Mikamo (Aichi Medical University)

[13:20~16:00] Symposium 3 Recombinant DNA experiments and biosafety

Chairman: Toshinori Tanaka (Okinawa Institute of Science and Technology)

13:25~14:00 Review and Implementation System for Genetic Recombination Experiments
Hajime Yoshiki (RIKEN)

14:00~14:35 Safety Management of Genetic Recombination Experiments - Learning from
Cases of Violations of Cartagena Act
Takumi Nishiuchi (Kanazawa University)

14:45~15:20 Safety Training for Genetic Recombination Experiments of Tokyo University of
Agriculture and Technology
Shinya Kawai (Tokyo University of Agriculture and Technology)

15:20~15:45 Check Points of Prior Consultation for Commercialization of Genome-Edited
Foods
Hiroaki Kodama (Chiba University)

15:45~16:00 Discussion

[16:00] Closing remark

Equipment exhibition [November 24 10:00~17:00, November 25 10:00~16:00]

Hitachi Industrial Equipment Systems Co.,Ltd.

IKARI Sterifirm Co., Ltd.

Miltenyi Biotec K.K.

Optima Inc.

Saraya Co.,Ltd.

Sibata Scientific Technology Ltd.

Preconference On-site only

Train the Trainer (TtT): Training course for biosafety trainer

Moderator: Shigeo Iki (National Institute of Infectious Diseases)

November 22-23, 2023

Toyama sunrise, Shinjuku-ku, Tokyo

November 22 Reception:12:30~

[13:00~17:15] Handling of specimen in laboratories Section 1、 2

November 23

[9:00~17:00] Handling of specimen in laboratories Section 3、 4、 5