



Program for 2018 Food & Agricultural Immunology Joint Lecture

Guidance : April 13th(Fri) Fourth lecture time (14:40~16:10)

Venue : Lecture room No.3, Graduate School of Agricultural Science

Language : English, *Lecture style* : **ISTU**

Students have to view **all lectures completely**. Please confirmed the status of your attendance after viewing. Students can view the lecture within 2 weeks after registration of the course.

Evaluation : Record of attendance, Reports (Please select three lectures and describe brief lecture contents, your impression and opinion.)

The reports should be written in English. The 3 reports with each cover page including selected lecture title and the teacher's name, your name, student's number, grade and laboratory name should be submitted to Sugihiro Ando via e-mail (sugihiro.ando.a2*tohoku.ac.jp, Please change"" to "@") by **July 30 (Mon.), 2018**. Due to evaluate the reports we cannot accept any reports after the deadline.

ISTU Contents

- #1 Overview of food & agricultural immunology. (Assoc. Prof. Haruki Kitazawa, CFAI)
- #2 Overview of microbial ecology in animals, plants, and fish.
(Assis. Prof. Wakako Ikeda-Ohtsubo, CFAI)
- #3 Recognition and exclusion of pathogens in innate immunity.
(Prof. Shoichiro Kurata, Graduate School of Pharmaceutical Science)
- #4 Overview of innate immune system of mollusks and crustaceans.
(Assoc. Prof. Keisuke Takahashi, CFAI)
- #5 Overview of immune system of fish and disease prevention study.
(Assis. Prof. Toshiki Nakano, CFAI)
- #6 Overview of plant immune system. (Assoc. Prof. Sugihiro Ando, CFAI)
- #7 Overview of insect control system by plant immune system.
(Assoc. Prof. Masatoshi Hori, CFAI)
- #8 Overview of functional food evaluation. (Assoc. Prof. Hitoshi Shirakawa, CFAI)
- #9 Overview of effects on human health relating to epigenetics.
(Assoc. Prof. Masahiko Harata, CFAI)
- #10 Ecology and Animal Human Interface of Emerging Viruses.
(Prof. Hitoshi Oshitani, Tohoku University Graduate School of Medicine)
- #11 Overview of plant response to environmental cues. (Assoc. Prof. Yukihiro Ito, CFAI)
- #12 Overview of cooperation with society. (Assoc. Prof. Nina Takashino, CFAI)
- #13 Introduction of Immunology.
(Prof. Naoto Ishii, Tohoku University Graduate School of Medicine)
- #14 Mucosal Immunity from mouth to gut.
(Prof. Shunji Sugawara, Tohoku University Graduate School of Dentistry)