



## Program for 2015 Food & Agricultural Immunology Joint Lecture

Day & Time : Tuesday Third lecture time (13:00~14:30)

Venue : Lecture room No.10, Graduate School of Agricultural Science

Language : English, Lecture style: Omnibus

### Schedule

- Oct. 6 Overview of food & agricultural immunology. (Prof. Hisashi Aso, CFAI)
- Oct. 13 Overview of immunobiotic application based on livestock immunology.  
(Assoc. Prof. Haruki Kitazawa, CFAI)
- Oct. 20 Overview of vaccine development based on mucosal immunity.  
(Assoc. Prof. Tomonori Noch, CFAI)
- Oct. 27 Recognition and exclusion of pathogens in innate immunity.  
(Prof. Shoichiro Kurata, Graduate School of Pharmaceutical Science)
- Nov. 10 Overview of innate immune system of mollusks and crustaceans.  
(Assoc. Prof. Keisuke Takahashi, CFAI)
- Nov. 17 Overview of immune system of fish and disease prevention study.  
(Assis. Prof. Toshiki Nakano, CFAI)
- Nov. 24 Overview of plant immune system. (Prof. Hideki Takahashi, CFAI)
- Dec. 1 Overview of insect control system by plant immune system.  
(Assoc. Prof. Masatoshi Hori, CFAI)
- Dec. 4\* Ecology of viruses in natural environment.  
(Prof. Hitoshi Oshitani, Tohoku University Graduate School of Medicine)
- Dec. 8 Overview of functional food evaluation. (Assoc. Prof. Hitoshi Shirakawa, CFAI)
- Dec. 15 Overview of effects on human health relating to epigenetics.  
(Assoc. Prof. Masahiko Harata, CFAI)
- Dec. 22 Overview of plant response to environmental cues. (Assoc. Prof. Yukihiro Ito, CFAI)
- Jan. 5 Overview of cooperation with society. (Prof. Fusao Ito, CFAI)

\*18:00 – 19:30,

Conference room No. 2, Building No.6 (1F), Tohoku University Graduate School of Medicine

### ISTU Subject: Immunological Science

Introduction of Immunology.

(Prof. Naoto Ishii, Tohoku University Graduate School of Medicine)

Mucosal Immunity from mouth to gut.

(Prof. Shunji Sugawara, Tohoku University Graduate School of Dentistry)

Evaluation : Record of attendance、 Reports (Independent reports for own 3 interesting lectures)