

The 2<sup>nd</sup>

# International Symposium

Current and Future Trends in  
Food and Agricultural Immunology

July 2<sup>nd</sup> (Sat), 2016

Tohoku University Kawauchi Campus  
Multimedia Education and  
Research Complex 6F



- 8:45 ..... Reception
- 9:25-9:30 ..... Opening : (Dr. Masahiko Harata, CFAI)
- 9:30-9:45 ..... Overview of CFAI (Dr. Hisashi Aso, Director of CFAI)
- 9:45-10:00 ..... Innate immune system of plants and animals: difference and similarity (Dr. Hideki Takahashi, CFAI)

## Session 1 Chair : Dr. Yukihiro Ito (CFAI)

- 10:00-10:50 ..... Effectoromics as a tool for controlling leaf mold disease of tomato (Dr. Carl Mesarich, Massey University, New Zealand)
- Break
- 11:05-11:35 ..... Functional genetic and genomic approaches to study nonhost resistance of *Medicago truncatula* to Asian soybean rust pathogen, *Phakopsora pachyrhizi* (Dr. Yashuhiro Ishiga, Tsukuba University, Japan)
- 11:40-12:10 ..... Pathogen recognition and intracellular immune signaling in plants (Dr. Tsutomu Kawasaki, Kindai University)
- 12:15-12:45 ..... Primed activation of RNA silencing machinery correlating with cucumber mosaic virus resistance (Dr. Sugihiko Ando, CFAI)

## Session 2 Chair : Dr. Masatoshi Hori (CFAI)

- 14:00-14:50 ..... Activation and suppression of host immunity during downy mildew infection of plants (Dr. Guido van den Ackerveken, Utrecht University, The Netherlands)
- Break
- 15:05-15:35 ..... Catalase as a player in innate immunity which differentially functions in plant-virus interactions (Dr. Chikara Masuta, Hokkaido University)
- 15:40-16:10 ..... Survival strategies of plant-protecting bacteria in rhizosphere (Dr. Kasumi Takeuchi, Institute of Agrobiological Sciences, NARO)
- 16:15-16:45 ..... The number of individuals to infect a host cell: the Achilles' heel of viruses (Dr. Shuhei Miyashita, CFAI)
- 16:50-17:10 ..... Discussion (Dr. Tomonori Nochi, CFAI)
- 17:10-17:20 ..... Closing remark (Dr. Haruki Kitazawa, CFAI)
- 17:30-18:30 ..... Networking



Refreshments: Supported by Asahi Calpis Wellness Co., Ltd., Kirin Co., Ltd., Yotsuba Milk Products Co., Ltd.

### Sponsors:

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