The 2nd International Symposium

Current and Future Trends in Food and Agricultural Immunology

July 2nd (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. Sugihito 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.

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