



International workshop of plants and nematodes interaction

Date: May 30th 2019

Time: 13:00-17:35

Venue: 717/719, East Research Building, Yokohama Campus

Language: English

13:00-13:05 Opening remarks

13:05-13:35 Bruno Favery (INRA)

“Identification of root-knot nematode effectors expressed during plant infection and characterization of targeted plant processes”

13:35-14:05 Laetitia Zurletto (INRA)

“Adaptation of *Meloidogyne incognita* to host resistance”

14:05-14:25 Joffrey Mejias (INRA)

“Root-knot nematode effector MiEFF18 targets the spliceosomal plant machinery to induce giant cells”

14:25-14:45 *Coffee Break*

14:45-15:05 Shinichiro Sawa (Kumamoto University)

“Systemic long-distance signal supports successful infection of plant parasitic root-knot nematodes, *M. incognita*.”

15:05-15:25 Allen Tsai (Kumamoto University, RIKEN)

“Flaxseed mucilage rhamnogalacturonan-I as an attractant of root-knot nematode *Meloidogyne incognita*”

15:25-15:40 Nhat-My Truong (Kumamoto University)

“Functional analysis of bZIP16 and bZIP68 transcription factors and their downstream targets during the early stage of RKN infection in *Arabidopsis*.”

- 15:40-16:00 Kazuki Sato (RIKEN)
“The suppression of immune responses in nematode-resistant plant *Solanum torvum* by root-knot nematode, *Meloidogyne arenaria*”
- 16:00-16:20 Yasuhiro Kadota (RIKEN)
“Immunity against root-knot nematodes in *Solanum torvum* and *Arabidopsis thaliana*.”
- 16:20-16:40 *Coffee Break*
- 16:40-16:55 Ryoji Shinya (Meiji University)
“Volatile sex pheromones of the pinewood nematode *Bursaphelenchus xylophilus*”
- 16:55-17:10 Taisuke Ekino (Meiji University)
“The specific cuticle ultrastructure of parasitic species in Aphelenchoididae”
- 17:10-17:20 Atsushi Miyama (Meiji University)
“Sex determination of *Meloidogyne incognita*”
- 17:20-17:30 Haru Kirino (Meiji University)
“Molecular mimicry: possible role of plant-like proteins secreted by *Bursaphelenchus xylophilus* in the pine wilt disease.”
- 17:30 Closing remarks, comments

Hosted by Plant Immunity Research Group, CSRS