

## 菌根若手研究者公開セミナー

2018年7月9日 12:30 ~ 17:30

東京大学弥生キャンパス フードサイエンス棟2階 中島董一郎記念ホール

## Young Researchers Seminar in Mycorrhizal fungi

12:30 - 17:30 July 9th. 2018

Nakashima Hall, Food Science Bldg., Yayoi campus, The University of Tokyo

### Program

12:30 - 12:35

**Opening:** Masanori Saito (The president of the Mycorrhizal Society of Japan)

**=Session 1=** 12:35 - 13:35

Chairperson: Yosuke Matsuda (Mie University)

12:35 - 12:55

#### **Evidences for large contribution of temperature to ectomycorrhizal fungal composition**

Takahiko Koizumi (Graduate School of Frontier Sciences, The University of Tokyo)

12:55 - 13:15

#### **Ectomycorrhizal fungal communities associated with *Quercus* spp. in arbuscular mycorrhizal tree plantation**

Akira Ishikawa (Graduate School of Agriculture, Tokyo University of Agriculture)

13:15 - 13:35

#### **The effects of co-colonizing ectomycorrhizal fungi with *Pinus densiflora* seedlings on colonization rate and sporocarp formation of *Laccaria japonica***

Shijie Zhang (Graduate School of Agricultural and Life Sciences, The University of Tokyo)

**Short break** 13:35 - 13:45

**=Session 2=** 13:45 - 15:05

Chairperson: Masanori Saito (Tohoku University)

13:45 - 14:05

#### **Dissecting biotic and abiotic factors that determine responsiveness of soybean to arbuscular mycorrhizal fungal inoculation**

Takuya Kouyama (Faculty of Agriculture, Utsunomiya University)

14:05 - 14:25

#### **Release of acid phosphatase from extraradical hyphae of arbuscular mycorrhizal fungi**

Takumi Sato (Faculty of Agriculture, Yamagata University)

14:25 - 14:45

#### **Evidence of non-tandemly repeated rDNAs and their intragenomic heterogeneity in *Rhizophagus irregularis***

Taro Maeda (National Institute for Basic Biology)

14:45 - 15:05

#### **Taxonomy and mycorrhizal formation of Endogonales**

Kohei Yamamoto (Tochigi Prefectural Museum)

**Short break** 15:05 - 15:15

**=Session 3=** 15:15 - 16:15

Chairperson: Kazuhide Nara (The University of Tokyo)

15:15 - 15:35

**Community assembly of ectomycorrhizal fungi along spatial and temporal gradients**

Shunsuke Matsuoka (Graduate School of Simulation Studies, University of Hyogo)

15:35 - 15:55

**Antibacterial activity of ectomycorrhizal fungi against rhizosphere bacteria isolated from *Pinus densiflora***

Makoto Shirakawa (Graduate School of Agriculture, Tokyo University of Agriculture)

15:55 - 16:15

**Colonization patterns of ectomycorrhiza-associated fungi, *Glutinomyces* spp. in field-collected ectomycorrhizae visualized by *in situ* hybridization**

Noritaka Nakamura (Forestry and Forest Products Research Institute)

**Short break** 16:15 - 16:30

**=Special lecture=** 16:30 - 17:30

Chairperson: Kenji Fukuda (The University of Tokyo)

**Life's Lessons from my career in teaching and research**

Roger Koide (Brigham Young University)

**Closing**

**Buffet party** 18:00 -

Restaurant ABREUVOIR, Mukougaoka Faculty House, Yayoi campus, The University of Tokyo  
(<http://www.mukougaoka-facultyhouse.jp/>) Tel. 03-5840-8901