

2017

# APS Annual Meeting

AUGUST 5–9 • SAN ANTONIO, TEXAS



## PROGRAM BOOK

**Changing Landscapes of Plant Pathology**

The American Phytopathological Society

**383-P Functional characterization of ubiquitin carboxyl-terminal hydrolase gene *Moubp1* in *Magnaporthe oryzae***  
D. CHEN, X. Yang, Z. Zhao, G. Lu. Fujian Agriculture and Forestry University, Fuzhou, CHINA

**384-P Further characterization of OsSULTR3;6 the first susceptibility gene identified for bacterial leaf streak of rice**

A. C. READ (1), J. Belanto (2), A. Cernadas (3), L. Wang (1), M. Willmann (4), D. Voytas (2), A. J. Bogdanove (1). (1) Cornell University, Ithaca, NY, USA; (2) University of Minnesota, St. Paul, MN, USA; (3) University of Buenos Aires, Buenos Aires, ARGENTINA; (4) Cornell University Plant Transformation Facility, Ithaca, NY, USA

**385-P Effector repertoire of the citrus fungal pathogen *Colletotrichum acutatum***

V. Candian (1), L. CANO (2), D. Oppelaar (3). (1) University of Torino, Department of Agricultural Forestry and Food Science, Grugliasco, ITALY; (2) University of Florida, IFAS, Department of Plant Pathology, Indian River Research and Education Center, Fort Pierce, FL, USA; (3) Wageningen University, Wageningen, NETHERLANDS

## Mycology

**386-P Effect of Phymatotrichopsis root rot disease on alfalfa root morphology and forage quality**

C. MATTUPALLI, S. Kwon, J. K. Rogers, C. A. Young. The Samuel Roberts Noble Foundation, Ardmore, OK, USA

**387-P Infection rate by *Fusarium proliferatum* in aerial garlic bulbils is reduced compared to rate in seed cloves when both originate from infected bulbs**

F. M. DUGAN, S. Lupien, B. Hellier. USDA ARS WRPIS, Pullman, WA, USA

**388-P Disease interaction of late leaf spot and white mold on peanut**

M. MUNIR (1), D. J. Anco (2). (1) Clemson University, Clemson, SC, USA; (2) Clemson University, Blackville, SC, USA

**389-P Multivariate analysis of fungal communities associated with diseased winter squash in western Oregon**

H. RIVEDAL, A. G. Stone, P. Severns, K. B. Johnson. Oregon State University, Corvallis, OR, USA

**390-P *Armillaria altimontana* is not associated with damage to western white pine (*Pinus monticola*) planted in northern Idaho**

J. W. Hanna (1), M. V. Warwell (1), G. I. McDonald (1), M. S. Kim (2), B. M. Lalande (3), J. E. STEWART (3), N. B. Klopfenstein (1). (1) Rocky Mountain Research Station, USDA Forest Service, Moscow, ID, USA; (2) Kookmin University, Seoul, REPUBLIC OF (SOUTH) KOREA; (3) Colorado State University, Fort Collins, CO, USA

**391-P Influence of temperature and moisture on germination of *Cercospora kaki*, causal agent of persimmon angular leaf spot**

R. FERNANDES ALVES, M. Bellato Spósito. University of São Paulo, Piracicaba, BRAZIL

**392-P Phylogeny of Northern Hemisphere *Armillaria* and *Desarmillaria*: Neighbor-net and Bayesian analyses of translation elongation factor 1- $\alpha$  gene sequences**

M. S. KIM (1), J. E. Stewart (2), J. W. Hanna (3), N. B. Klopfenstein (3). (1) Kookmin University, Seoul, REPUBLIC OF (SOUTH) KOREA; (2) Colorado State University, Fort Collins, CO, USA; (3) Rocky Mountain Research Station, USDA Forest Service, Moscow, ID, USA

**393-P Microfungi associated with diseases on *Theobroma cacao* L. in Merida state, Venezuela**

S. MOHALI-CASTILLO (1), J. E. Stewart (2). (1) Universidad de Los Andes. Facultad de Ciencias Forestales y Ambientales, Merida, VENEZUELA; (2) Colorado State University, Fort Collins, CO, USA

**394-P Effects of soil conditions on root rot of soybean caused by *Fusarium graminearum***

D. R. CRUZ, D. A. Mayfield, G. P. Munkvold, L. F. S. Leandro. Iowa State University, Ames, IA, USA

**395-P The effect of temperature and wounding on resistance of ornamental grasses to *Sclerotinia sclerotiorum***

M. A. GRABOWSKI (1), D. K. Malvick (2). (1) University of Minnesota Extension, Andover, MN, USA; (2) University of Minnesota, St. Paul, MN, USA

**396-P Distribution of AM fungi in coal mine soils associated with four forest tree species of North Telangana region**

S. PODETI. Department of Biotechnology, Warangal, INDIA

**397-P *Alternaria* species causing moldy core of apple in Chile**

K. ELFAR, B. A. Latorre, J. P. Zoffoli. Pontificia Universidad Católica de Chile, Santiago, CHILE

**398-P Transmission of mycoviruses of *R. solani* and effects on fungal growth**

T. J. STETINA, I. E. Tzanetakis. University of Arkansas, Fayetteville, AR, USA

**399-P Isolation of *Diaporthe longicolla* from asymptomatic sunflower root**

A. ADHIKARI, T. Olson, B. Kontz, F. M. Mathew. South Dakota State University, Brookings, SD, USA

**400-P Discovery of multiple sexual cycles in a rust fungus alternating between *Berberis fendleri* and *Elymus glaucus***

Y. JIN (1), G. Cisar (2). (1) USDA-ARS Cereal Disease Laboratory, St. Paul, MN, USA; (2) Cornell University, Loveland, CO, USA

**401-P Interceptions of fungal pathogens from grass seed imported to Oregon**

J. J. QIU. USDA, Animal and Plant Health Inspection Service, Plant Protection and Quarantine, Portland, OR, USA

## Nematology

**402-P Species and population densities of stubby root nematodes from multiple states in the United States**

G. YAN (1), D. Huang (1), A. Plaisance (1), N. C. Gudmestad (1), J. L. Whitworth (2), K. Frost (3), C. R. Brown