2017 Grapevine Virus Meeting

May 9-10, 2017

Peter Christensen Conference Room,

Trinchero Family Estates Building

Foundation Plant Services, UC Davis

**May 9**

**8:30** **Coffee and registration**

**9:00** Welcome and Introductions, *Deborah Golino, FPS Director*

**9:15** OVERVIEW OF REDLEAF GRAPEVINE VIRUSES

*Marc Fuchs, Plant Pathology and Plant-Microbe Biology, Cornell University*

**10:15 Break**

***Grapevine red blotch disease***

**10:30** GRAPEVINE RED BLOTCH DISEASE SPREAD AND VECTOR OBSERVATIONS

*Frank Zalom (presenting) Department of Entomology and Nematology, UC Davis, and* *Mysore Sudarshana, Department of Plant Pathology, USDA-ARS, UC Davis*

**11:00** RECENT STUDIES OF REPORTED GRBaV VECTORS

*Cindy Preto, Department of Entomology and Nematology, UC Davis*

**11:30** TIMING OF RED BLOTCH FIELD TRANSMISSION IN OREGON

*Bob Martin, USDA – ARS, Oregon State University*

**12:00 Lunch**

**1:00** IMPLICATED VECTORS AND SPREAD OF GRAPEVINE RED BLOTCH-ASSOCIATED VIRUS IN OREGON VINEYARDS

*Danny Dalton (presenting) and Vaughn Walton, Department of Horticulture, Oregon State University*

**1:30** HOW GRAPEVINE PHYSIOLOGY IS AFFECTED BY GRAPEVINE RED BLOTCH VIRUS

*S. Kaan Kurtural, Department of Viticulture and Enology, UC Davis*

**2:00** EFFECTS OF RED BLOTCH DISEASE ON FRUIT IN CABERNET SAUVIGNON AND CHARDONNAY GRAPEVINES

*Rhonda Smith, University of California Cooperative Extension, Sonoma County*

**2:20 Break**

**2:30** IMPACT OF GRAPEVINE RED BLOTCH DISEASE ON GRAPE AND WINE COMPOSITION

*Anita Oberholster,* *Department of Viticulture and Enology, UC Davis*

**3:00** CURRENT RESEARCH ON LEAFROLL AND RED BLOTCH DISEASES AT WASHINGTON STATE UNIVERSITY

*Naidu Rayapati, Department of Plant Pathology, Washington State University*

**3:30 Discussion**

**4:00 End of Session**

**May 10**

**8:00 Coffee**

***Grapevine leafroll disease***

**8:30** STRATEGIES FOR MANAGING MEALYBUG VECTORS OF LEAFROLL DISEASE

*Kent Daane, Department of Environmental Science, Policy, and Management, UC Berkeley*

**9:00** APPLICATIONS OF SPECTROSCOPY TO AUTOMATE THE DETECTION OF GRAPEVINE LEAFROLL DISEASE

*Monica Cooper, UC Cooperative Extension, Napa County*

**9:30** SURVEY AND ANALYSIS OF GRAPEVINE LEAFROLL-ASSOCIATED VIRUS-3 GENETIC VARIANTS AND APPLICATION TOWARDS IMPROVED RT-qPCR ASSAY DESIGN

*Maher Al Rwahnih, Department of Plant Pathology/Foundation Plant Services, UC Davis*

**10:00 Break**

***General red leaf disease***

**10:15** *RED CANOPY DISORDERS OF UNKNOWN ETIOLOGY IN THE NORTH COAST VINEYARDS*

*Mysore Sudarshana, Department of Plant Pathology, USDA-ARS, UC Davis*

**10:45** TITLE TO BE DETERMINED

*Marc Fuchs, Plant Pathology and Plant-Microbe Biology, Cornell University*

**11:15** WORKING WITH WORK GROUPS

*Kari Arnold, Department of Plant Pathology, UC Davis*

**11:45** LEARNING FORM EXPERIENCE: A DRAFT RESEARCH/OUTREACH FRAMEWORK FOR DEALING WITH FUTURE NOVEL VIRUS OUTBREAKS IN GRAPEVINES

*Neil McRoberts, Department of Plant Pathology, UC Davis*

**12:15 Lunch**