



## MMI 291 Seminar Series

Current Theme: Interdisciplinary Research  
Spring Quarter 2020 – CRN 73287



**Friday Seminar – 12:10-1 p.m.**

***“Pathogens, Plant Phenology, and Microbial Competition Impact the Structure and Function of the Citrus Microbiome”***

### Research / Bio

My recent studies, on tropical/sub-tropical perennial tree crops, provide evidence that plant microbial communities are greatly impacted by bacterial pathogens, host seasonal development, and that inter-microbiome interaction mediate physical niche selection. These results contribute to the downstream development of microbial based plant therapies that could enhance disease resistance and increase plant yield.

### Publications

*An in vitro pipeline for screening and selection of citrus-associated microbiota with potential anti-“Candidatus Liberibacter asiaticus” properties.*  
Blacutt A, Et al. Applied and Environmental Microbiology April 2020

May  
29



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NSF GRFP Fellow  
UC President's DY Fellow  
Microbiology and Plant Pathology  
University of California, Riverside

**May 29, 2020  
12:10 – 1 p.m.  
ZOOM Meeting**

Medical Microbiology  
& Immunology  
School of Medicine

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We hope to see you there!