

CURRENT CRB-FUNDED RESEARCH PROJECTS

Project #	Researcher	Affiliation	Project Title
5100-144	Gayle Volk	UC-Davis	Citrus Cryopreservation to Increase Security of Critical Collections
5100-146	Goutam Gupta	Los Alamos National Laboratory	Novel Therapy of High-Priority Citrus Diseases
5100-147	Georgios Vidalakis	UC-Riverside	High Throughput QuantiGene Plex Based for Rapid and Accurate Multiplex Detection of Citrus Pathogens
5100-149	R. Glenn Sellar	Jet Propulsion Laboratory	Mapping of citrus trees and early detection of huanglongbing by airborne imaging spectroscopy
5100-150	Maziar Kandelous	UC-Davis	Optimization of Water & Nitrate Application Efficiency for Citrus Trees: recommendations for irrigation & fertigation practices
5200-141	James G. Thomson	USDA-ARS	The Development of Novel Blood and Cara Cara like citrus varieties
5200-142	James G. Thomson	USDA-ARS	Utilization of Founder Lines for Improved Citrus Biotechnology Via RMCE
5200-143	Chandrika Ramadugu	UC-Riverside	Further Characterization of HLB Resistant Clones of Selected Citrus Varieties
5200-144	Eliezer Louzada	Texas A&M, Kingsville	Development of Consumer-Friendly Transgenic Citrus Plants with Potential Broad Spectrum Resistance to HLB, Citrus Canker, <i>Phytophthora</i> and other exotic diseases
5200-146	Gloria Moore	UF	Rapid Cycling Plant Breeding in Citrus
5200-147	Chandrika Ramadugu	UC-Riverside	Evaluation of hybrids of citrus and citrus relatives for huanglonging (HLB) tolerance/resistance
5200-148	Janice Zale	UF IFAS/CREC	Micropropagation of Mature Citrus in Temporary Immersion Bioreactors
5200-149	Georgios Vidalakis	UC-Riverside	Streamlining the introduction of licensed citrus varieties into California.
5200-201A	Mikeal Roose	UC-Riverside	CORE: Integrated Citrus Breeding & Evaluation for California
5200-201B	Tracy Kahn	UC-Riverside	CORE: Integrated Citrus Breeding & Evaluation for California
5200-201C	Glenn Wright	UC-Riverside	CORE: Integrated Citrus Breeding & Evaluation for California
5200-201D	Peggy Mauk	UC-Riverside	CORE: Integrated Citrus Breeding & Evaluation for California
5300-131	Hailing Jin	UC-Riverside	Identification & Characterization of HLB Induced Small RNAs and mRNAs
5300-150	Carolyn Slupsky	UC-Davis	Biomarkers for Detection of Liberibacter Infection in Citrus Trees through-H-NMR-based Metabolomics of leaves
5300-151	Jianchi Chen	USDA-AR	A Phage/Prophage-based PCR System for Sensitive & Specific Detection of "Candidatus Liberibacter" and Spiroplasma citri

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5300-154	Tim Gottwald	USDA-ARS	CPDPP
5300-155	Michelle Cilia	Boyce Thompson Inst. for Plant Research	Using Mass Spectrometry Technologies to Develop Novel Management Strategies for Citrus Insect Vectored Pathogens
5300-156	Philip Stansly	UF IFAS/SWFREC	The Citrus Greening Bibliographical Database
5300-157	Nick Grishin	HHMI/UT Southwestern	Molecular Basis of Citrus Greening and Related Diseases Gleaned from Genome Analyses of Hosts and Pathogens
5300-158	James Ng	UC-Riverside	Construction of the Cloned Infectious cDNA of <i>Citrus tristeza virus</i> (California isolate): a critical step in developing the tool for RNA interference-mediated inhibition of insect pests and pathogens of citrus in California
5300-160	Gitta Coaker	UC-Davis	Identifying and Characterizing Citrus Targets from <i>Candidatus Liberibacter asiaticus</i>
5300-161	Kris Godfrey	UC-Davis	Infrastructure Support for Research on Detection and Management of HLB and ACP
5300-162	Carolyn Slupsky	UC-Davis	Detection of <i>Candidatus Liberibacter</i> in Citrus in Hacienda..
5300-163	Michelle Cilia	Boyce Thompson Inst. for Plant Research	Not all Psyllids are created equal: Why do some transmit <i>Liberibacter</i> in citrus Hacienda Heights
5300-164	Johan Leveau	UC-Davis	A microbiota based approach to prediction and prevention of Huanglongbing (citrus greening)
5300-165	James Thomson	USDA-ARS	Development of mature budwood transformation technology
5300-166	Raymond Yokomi	USDA-ARS	Evaluation of California mild CTV strains that replicate to high tier in citrus rootstock
5300-167	Georgios Vidalakis	UC-Riverside	Citrus tatter leaf - Citrange stunt; The Hidden Dragon
5300-168	Greg McCollum	USDA-ARS-USHRL	Use of digital PCR for improved early detection of <i>Candidatus Liberibacter asiaticus</i> infection of citrus
5400-103	James Adaskaveg	UC-Riverside	Evaluation of New Postharvest Treatments to Reduce Postharvest Decays and Improve Fruit Quality in Citrus Packinghouse Operations
5400-119	James Adaskaveg	UC-Riverside	Disease Forecasting & Management of Septoria Spot of Citrus
5400-145	Trevor Suslow	UC-Berkeley	Microbial Food Safety Risk Assessment
5400-148	James Adaskaveg	UC-Riverside	Epidemiology and Management of <i>Phytophthora</i> Diseases of Citrus in California
5400-149	Spencer Walse	USDA-ARS	Breaking critical pest-related trade barriers for California citrus exports
5400-150	Chang-Lin Xiao	USDA-ARS	Control of postharvest Diseases of Citrus

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5500-189	Joseph Morse	UC-Riverside	Optimizing Chemical Control of ACP in California
5500-189E	Jawwad Qureshi	UF IFAS/SWFREC	Development of an Asian Citrus Psyllid (ACP) Management Plan for Organic Citrus
5500-191	Mark Hoddle	UC-Riverside	Host Specificity Testing of <i>Diaphorencyrtus aligarhensis</i>
5500-194	Mark Hoddle	UC-Riverside	Release & Monitoring of <i>Tamarixia radiata</i> in Southern California
5500-196	Richard Stouthamer	UC-Riverside	Biological Control of Asian Citrus Psyllid in California
5500-197	Richard Stouthamer	UC-Riverside	Impact of Resident Predator Species on Control of ACP Population
5500-198	Bryce Falk	UC-Davis	Transgenic RNAi-based Psyllid Control
5500-202	Edwin Lewis	UC-Davis	An Integrated Biological Approach to Fuller Rose Beetle Control to Meet Quarantine Requirements
5500-203	Kirsten Pelz-Stelinski	UF IFAS/CREC	Factors Influencing Transmission of the Huanglongbing (greening) Pathogen by the Asian Citrus Psyllid and Methods for Interrupting the Transmission Process
5500-205	Jawaad Qureshi	UF IFAS/SWFREC	Toxicity of Synthetic and Organic Insecticides to <i>Tamarixia radiata</i> , Ecto-parasitoid of Asian Citrus Psyllid
5500-206	Lukasz Stelinski	UF IFAS/CREC	Development of new trapping and control methods for ACP based complex citrus volatiles lure blends
5500-207	Frank Byrne	UC-Riverside	Assessing Exposure Levels of Honey Bees to Systematic Pesticides in Citrus Nectar
5500-501A	Beth Grafton-Cardwell	UC-Riverside	CORE: Integrated Pest Management (IPM) Program
5500-501B	Joe Morse	UC-Riverside	CORE: Integrated Pest Management (IPM) Program
6100	Georgios Vidalakis	UC-Riverside	CCPP CORE Program