

Workshop Agenda

THURSDAY, NOVEMBER 17, 2022

Arnold and Mabel Beckman Center | 100 Academy Way, Irvine, CA

Beckman Auditorium

8:30 AM – 6:00 PM PT

Valley Fever: Status and Impacts	
8:30-8:45	<p>Welcome Remarks, Workshop Overview, and Goals</p> <p>Committee Remarks George Thompson, UC Davis Medical Center <i>Workshop chair</i></p>
8:45-10:15	<p>Session 1: Introduction to Valley Fever</p> <p>George Thompson, UC Davis Medical Center <i>Moderator</i></p> <p>Overview of Valley Fever: Why Now? Joshua Nosanchuk, Albert Einstein College of Medicine</p> <p>Overview of the Disease in Humans Neil Ampel, University of Arizona, Mayo Clinic in Arizona Care System</p> <p>Valley Fever as a Veterinary Disease Jane Sykes, University of California, Davis School of Veterinary Medicine</p> <p>Valley Fever Fungus in the Environment John Taylor, University of California, Berkeley</p> <p>Patient Perspective Monk Yun Rou</p>
10:15-10:30	BREAK

<p>10:30-12:45</p>	<p>Session 2: Current Status of Valley Fever Surveillance and Trends</p> <p>Bridget Barker, Northern Arizona University <i>Moderator</i></p> <p>Incidence of Human Disease Mitsuru Toda, U.S. Centers for Disease Control and Prevention</p> <p>Gail Sondermeyer Cooksey, California Department of Public Health</p> <p>Epidemiology of Valley Fever in Arizona Shane Brady, Arizona Department of Health Services</p> <p>The Future of Cocci</p> <p>Soil Mapping Jennifer Head-Zhutenevger, University of California, Berkeley School of Public Health</p> <p>Climate Change Morgan Gorris, Los Alamos National Laboratory</p> <p>Temporal and Spatial Drivers of <i>Coccidioides</i> in the Air Dave Engelthaler, TGen</p>
<p>12:45-1:45</p>	<p>LUNCH</p>
<p>1:45-3:00</p>	<p>Session 3: Disease Impact</p> <p>John Galgiani, University of Arizona College of Medicine-Tucson; Valley Fever Center for Excellence <i>Moderator</i></p> <p>Cocci and Indigenous Populations Shawnell Damon, Indian Health Services</p> <p>Valley Fever Among California State Prison Residents: Epidemiology, Prevention, and Challenges Kim Lucas, California Correctional Health Care Services</p> <p>Occupational Valley Fever Marie de Perio, National Institute for Occupational Safety and Health. U.S. Centers for Disease Control and Prevention</p> <p>Economic Costs of Cocci George Rutherford, University of California San Francisco</p>

3:00-4:30	<p>Session 4: <i>Coccidioides</i>: The Organism and Hosts</p> <p>Marc Orbach, University of Arizona <i>Moderator</i></p> <p>Ecology and Environment Bridget Barker, Northern Arizona University</p> <p>Host Genomics Steve Holland, National Institute of Allergy and Infectious Diseases. National Institutes of Health</p> <p>Genomics of <i>Coccidioides</i> Jason Stajich, University of California, Riverside</p> <p>Virulence of <i>Coccidioides</i> Anita Sil, University of California San Francisco</p>
4:30-4:45	BREAK
4:45-6:00	<p>Session 5: Current Status of Patient Management</p> <p>Neil Ampel, University of Arizona, Mayo Clinic in Arizona Care System <i>Moderator</i></p> <p>Diagnostics – Current Methods and Challenges Fariba Donovan, University of Arizona College of Medicine</p> <p>Current Therapy: Past and Present Treatment Options George Thompson, UC Davis Medical Center</p> <p>Developing New Therapies for Coccidioidomycosis: A Developer's Perspective John Rex, F2G</p>
	Summary and Adjourn
END OF DAY 1	

FRIDAY, NOVEMBER 18, 2022

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Beckman Auditorium

8:30 AM – 4:00 PM PT

Valley Fever: Solutions	
8:30-8:40	<p>Welcome Remarks, Review of Day 1 George Thompson, UC Davis Medical Center <i>Workshop chair</i></p>
8:40-10:25	<p>Session 6: Improved Surveillance Strategies</p> <p><u>Ecological Surveillance</u></p> <p>Gail Sondermeyer Cooksey, California Department of Public Health <i>Moderator</i></p> <p>Soil and Air Monitoring Dan Kollath, Northern Arizona University</p> <p>Development of Air-Sampling and Molecular Detection Methods for <i>Coccidioides</i> Ana Litvintseva, U.S. Centers for Disease Control and Prevention</p> <p>Wildlife Surveillance Paris Salazar-Hamm, University of New Mexico</p> <p><u>Enhanced Diagnostics</u></p> <p>Technology to Increase Sensitivity of Diagnostics Amanda Burnham-Marusich, Dx Discovery; University of Nevada, Reno School of Medicine</p> <p>Future of Diagnostics: Metabolomics Ian McHardy, Scripps Health</p> <p>Breath Tests to Diagnose Valley Fever and Measure Disease Burden Heather Bean, Arizona State University</p> <p><i>Discussion</i></p>
10:25-10:35	BREAK

<p>10:35-11:45</p>	<p>Session 7: Medical Countermeasures</p> <p>George Thompson, UC Davis Medical Center <i>Moderator</i></p> <p>Coccidioidomycosis in South America: a rare or an unexplored disease entity? Marcus Teixeira, Northern Arizona University; University of Brasilia</p> <p>Challenges of Clinical Trial Designs for Therapeutics and Vaccines John Galgiani, University of Arizona College of Medicine-Tucson; Valley Fever Center for Excellence</p> <p>Therapeutics: Potential New Drugs and Drugs in Development Tom Patterson, UT Health San Antonio</p>
<p>11:45-12:45</p>	<p>LUNCH</p>
<p>12:45-2:45</p>	<p>Session 8: Vaccines</p> <p>Panel Discussion - Current Approaches to Developing Valley Fever Vaccines</p> <p>George Rutherford, University of California San Francisco <i>Moderator</i></p> <p>Coccidioid Immunization: Past, Present & Future Royce Johnson, Kern Medical</p> <p>$\Delta cps1$ Vaccine to Prevent Valley Fever in Dogs: A One Health Journey from Plants to Humans Lisa Shubitz, University of Arizona College of Medicine</p> <p>Development of a subunit vaccine against coccidioidomycosis for humans Chiung-Yu Hung, University of Texas at San Antonio</p> <p>Prospects for the Development of Nucleic Acid Vaccines and a Preclinical Nonhuman Primate Model for Valley Fever Deb Fuller, University of Washington School of Medicine</p> <p>Development Pathway of a Live, Attenuated Vaccine against Cocci: From Dogs to People Tom Monath, Crozet BioPharma</p> <p>Update on the NIAID Strategic Plan for Research to Develop a Valley Fever Vaccine Dona Love, National Institute of Allergy and Infectious Diseases, National Institutes of Health</p>

	<p><i>Discussion</i></p> <p>Scott Stibitz, Center for Biologics Evaluation and Research, U.S. Food and Drug Administration</p>
2:45-2:55	BREAK
2:55-3:45	<p>Communication and Engagement</p> <p>George Thompson, UC Davis Medical Center Neil Ampel, University of Arizona, Mayo Clinic in Arizona Care System <i>Moderators</i></p> <p>Overview of FORWARD Act Katherine Phillips, Office of Senator Mark Kelly</p> <p><i>Open public discussion and comment</i></p>
3:45-4:00	Summary and Close
END OF WORKSHOP	