



COLLEGE OF MEDICINE TUCSON

Valley Fever Center
for Excellence

Annual Members Meeting

April 29, 2025

1:00-4:00 PM

MRB room 102

Introductory remarks. John Galgiani.

Valley Fever Anti-infective Working Group. David Nix, session moderator.

- 1:05: Overview of therapies for coccidioidomycosis and status of nikkomycin Z. **David Nix.**
- 1:20: Copper Toxicity as a potential anti-infective strategy. **Michael DL Johnson.**
- 1:35: New therapeutic targets revealed by the delta-cps1 vaccine program. **Student of Thomas Tomasiak.**
- 1:50: Discovering antifungal drugs at the UA College of Pharmacy. **Hongmin Li.**
- 2:05: Status of olorofim as a treatment of coccidioidomycosis. **Fariba Donovan.**
- 2:20: **Break and Group Photo**

Other Research presentations

- 2:30: Soil environment of *C. posadasii* in Arizona. **Brooke Byars.**
- 2:45: ICD Codes are Insufficient to Create Datasets for Machine Learning: An Evaluation Using All of Us Data for Coccidioidomycosis and Myocardial Infarction. **Abby Whitlock.**
- 3:00: Defects in the unfolded protein response may explain delta-cps1 avirulence. **Marc Orbach.**
- 3:15: A surrogate marker assay for Valley fever vaccine responses in dogs. **Lisa Shubitz.**
- 3:30: B-cells involvement in the control of murine coccidioidomycosis. **Dan Powell.**
- 3:45: Economic burden on owners of canine coccidioidomycosis in endemic states. **Chris Butkiewicz.**