

Learn About Valley Fever

John N Galgiani MD

November 9, 2014

www.vfce.arizona.edu

Janice K. Brewer
Governor

Office of the Governor

*** VALLEY FEVER AWARENESS WEEK ***

WHEREAS, Valley Fever infections in Arizona have greatly increased over the last decade, with 60 percent of all nationally reported cases of Valley Fever occurring in Arizona, and

WHEREAS, Valley Fever is one of the most commonly reported infectious disease in Arizona; and

WHEREAS, enhanced surveillance of Valley Fever cases demonstrates the serious impact Valley Fever has on the health of our citizens and on Arizona's healthcare system; and

WHEREAS, the Arizona Department of Health Services, government agencies, other government agencies, businesses, and community organizations are united to educate the public and healthcare providers about Valley Fever in Arizona; and

WHEREAS, through public education and promotion of early diagnosis, the impact of Valley Fever on individuals may be reduced; and

WHEREAS, Arizona is the focal point of quality clinical care and research for Valley Fever.

NOW, THEREFORE, I, Janice K. Brewer, Governor of the State of Arizona, do hereby proclaim November 8 - 16, 2014 as

*** VALLEY FEVER AWARENESS WEEK ***

in recognition of the outstanding treatment and research conducted by the Valley Fever Center for Excellence at the University of Arizona, its new clinical center at St. Joseph's Hospital in Phoenix, and for the advances in Valley Fever education and public health by the Arizona Department of Health Services.

IN WITNESS WHEREOF, I have hereunto set my hand and caused to be affixed the Great Seal of the State of Arizona

Janice K. Brewer
GOVERNOR

DONE at the Capitol in Phoenix on this seventeenth day of September in the year Two Thousand and Fourteenth, and of the Independence of the United States of America the Two Hundred and Thirty-ninth.

ATTEST:

Kim Blomquist
Secretary of State

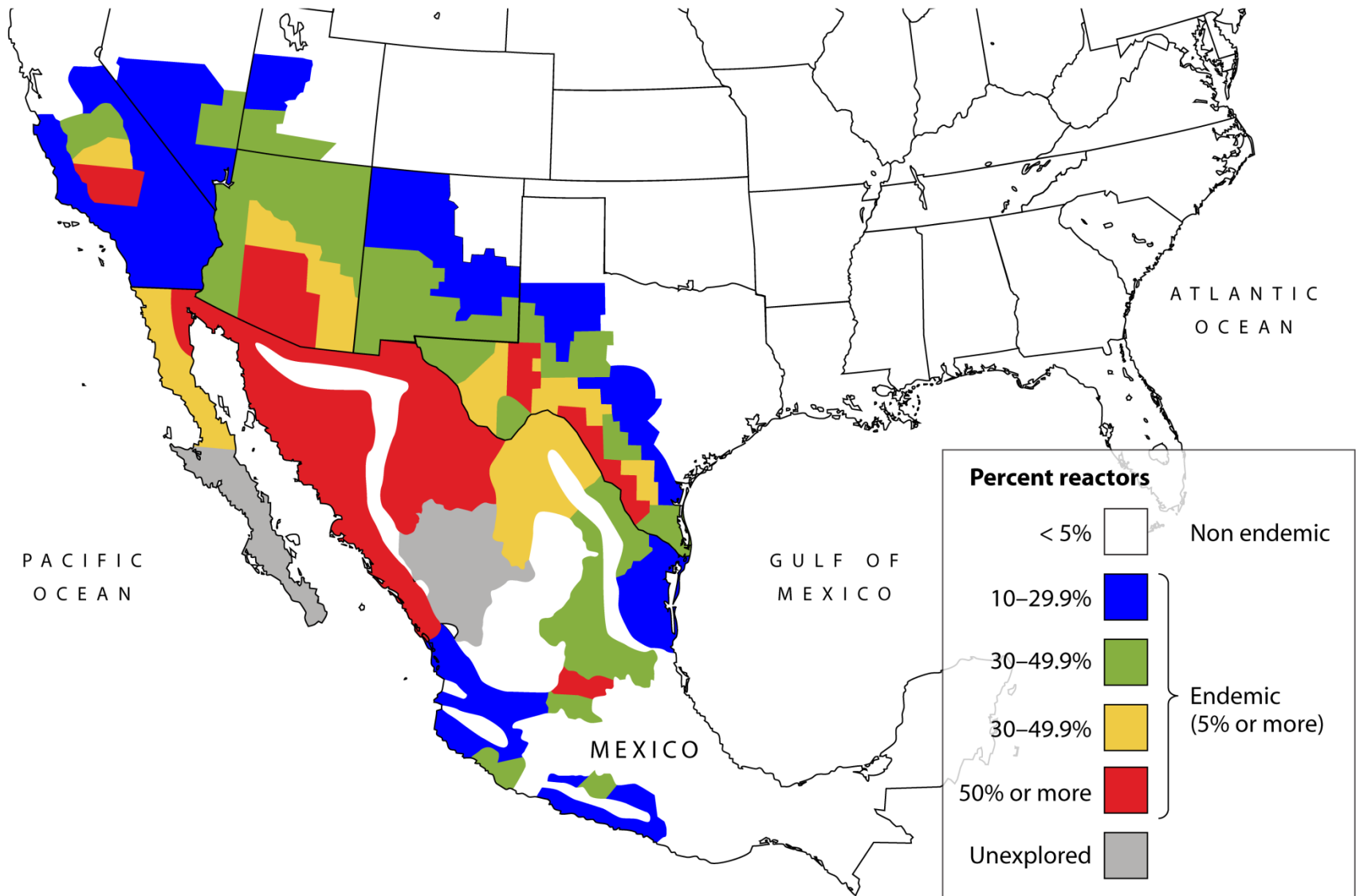


**12th Annual
Valley Fever
Awareness
Week
November
8th – 16th
2014**

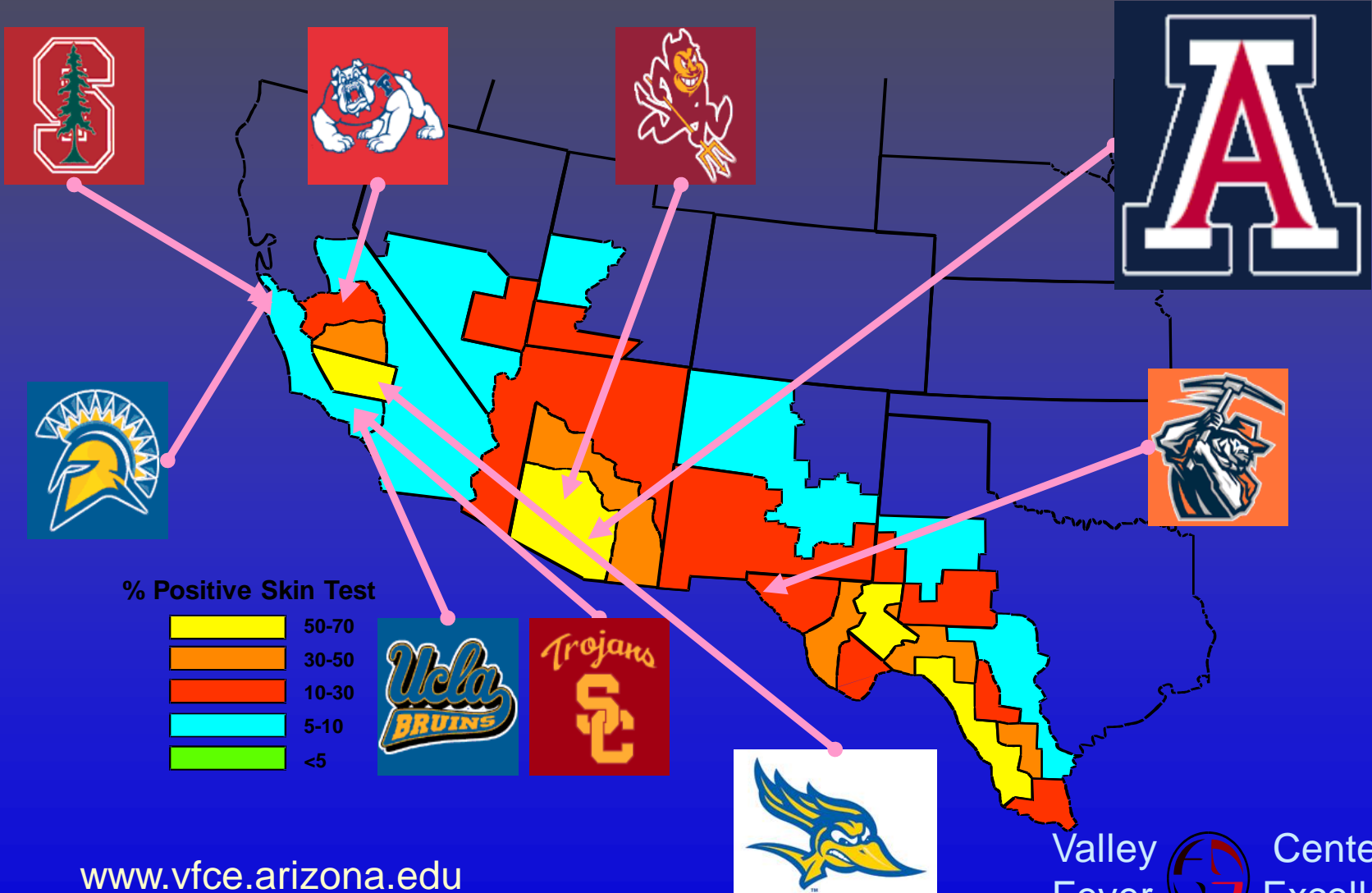
Valley Fever is a Western Hemisphere Disease



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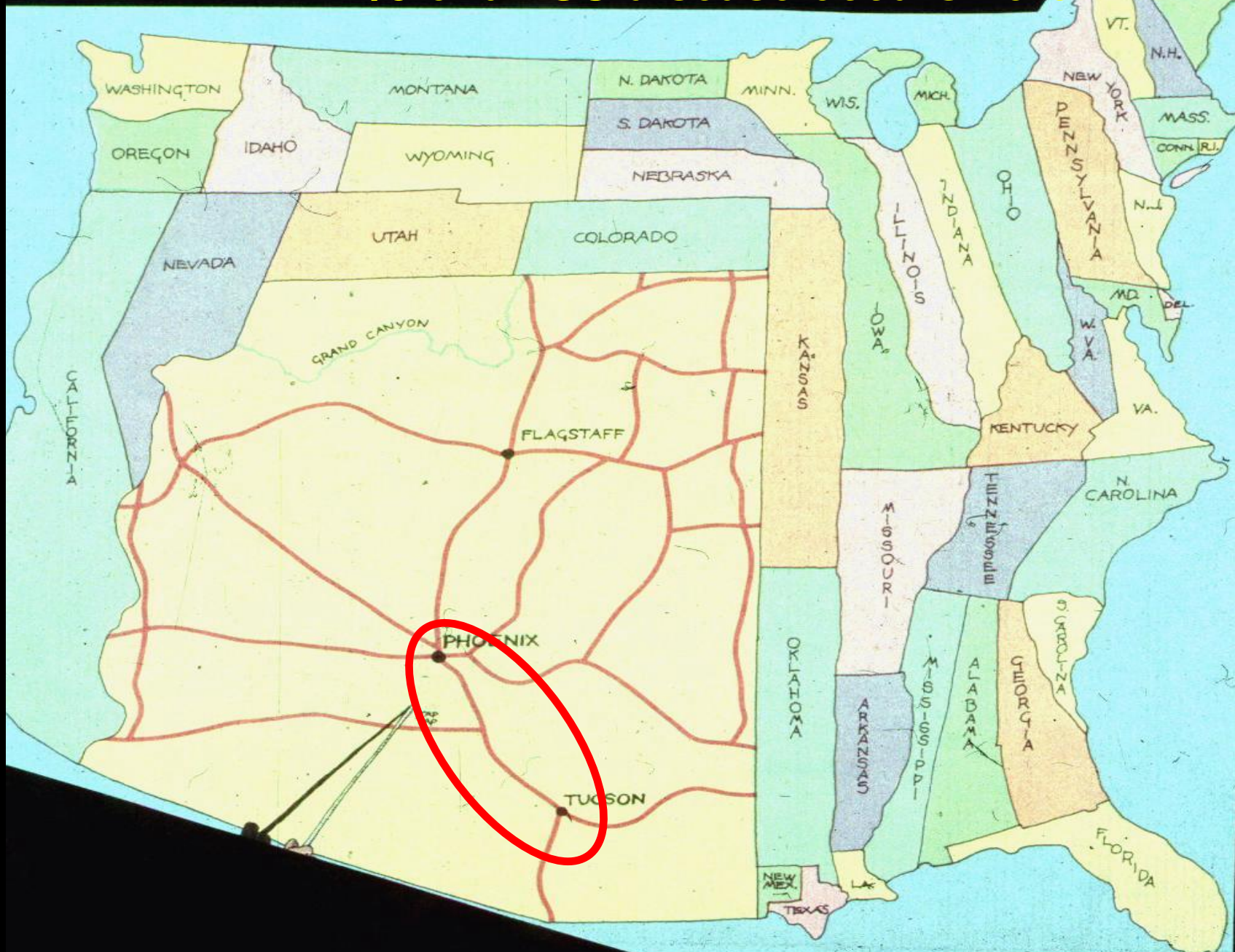


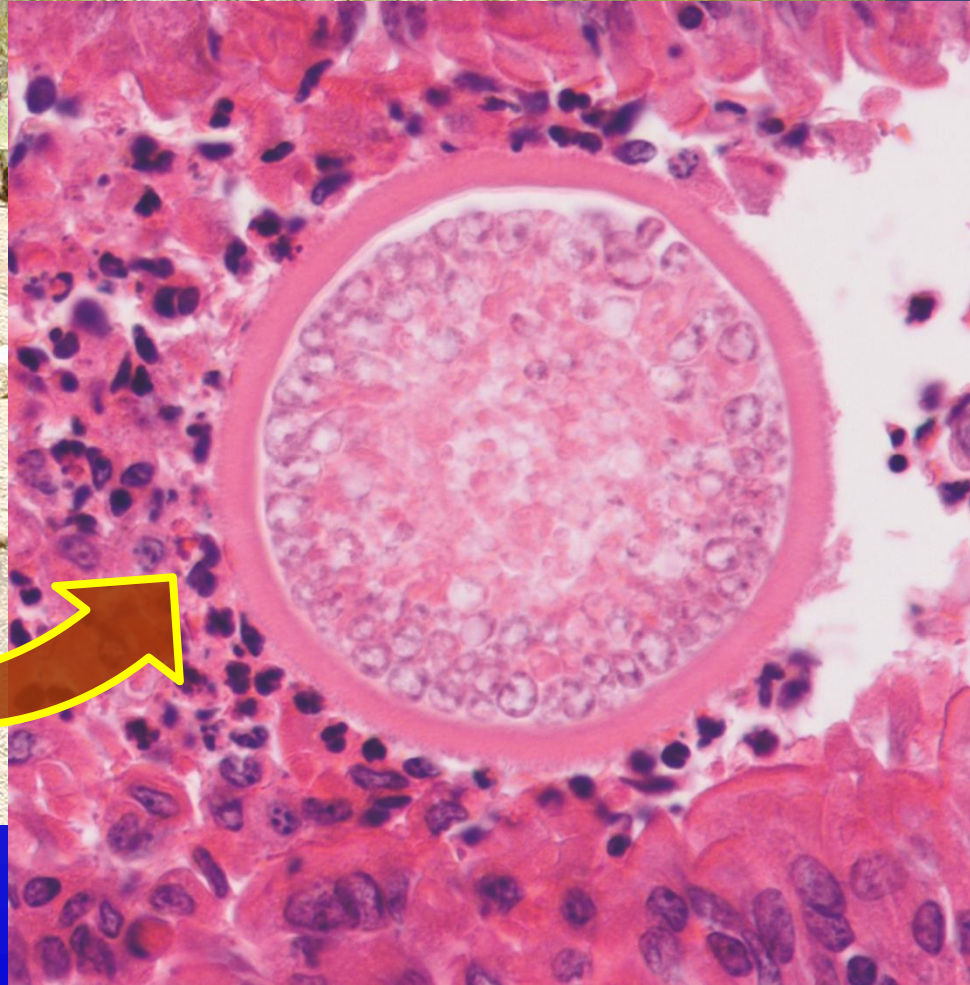
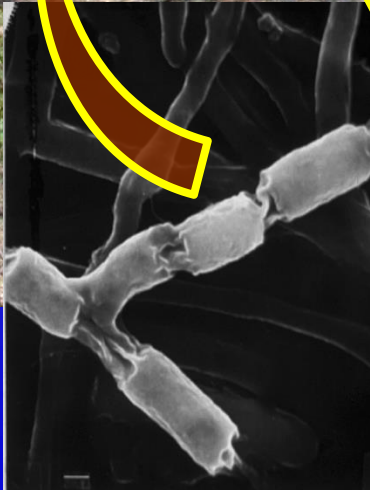
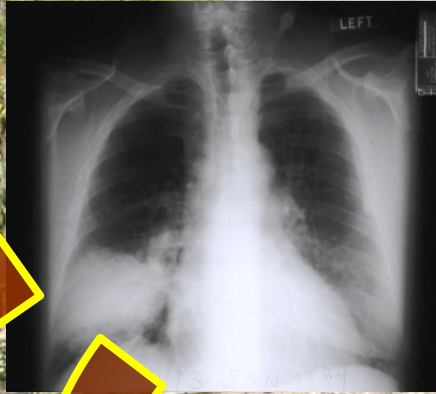
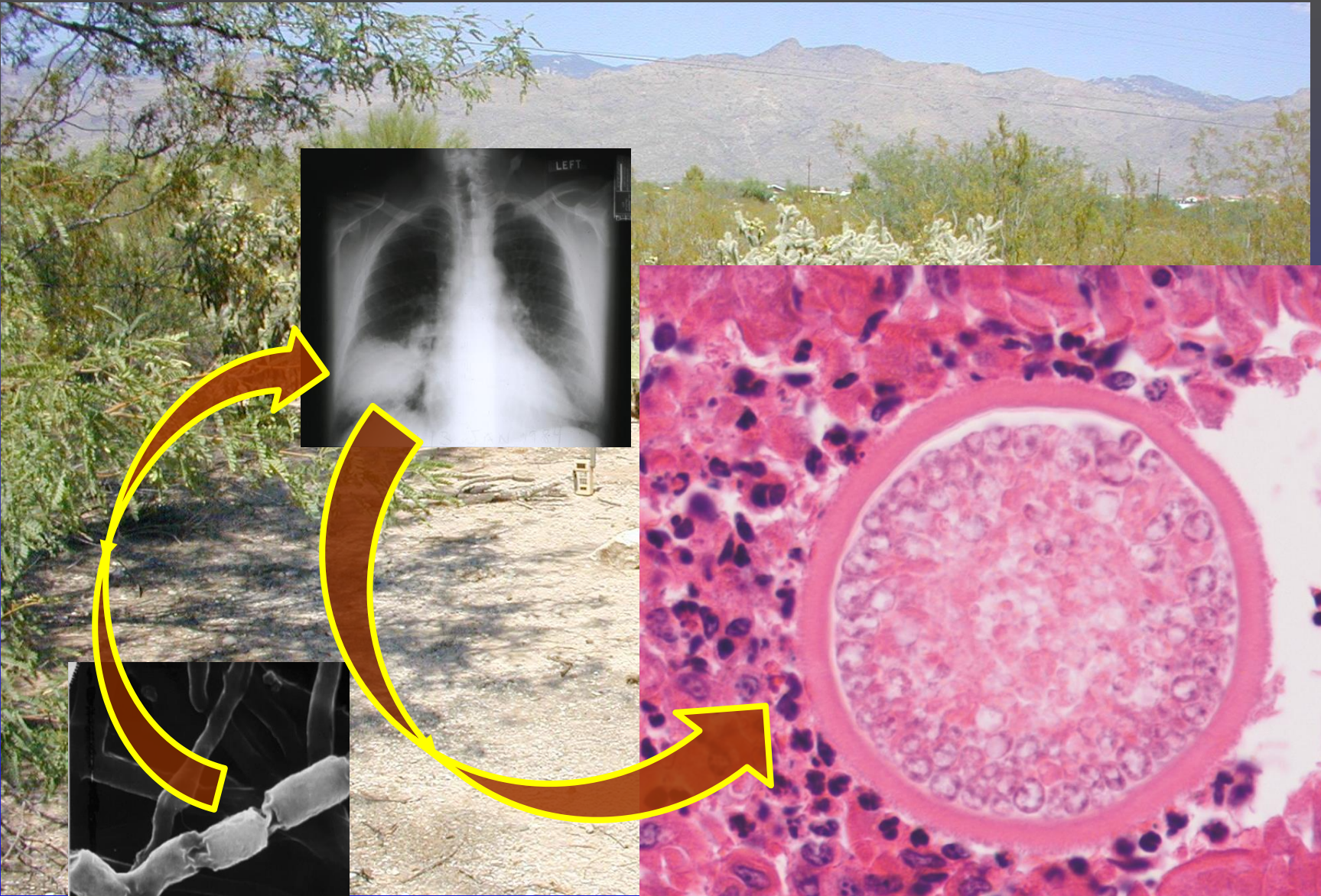
Valley Fever in the U.S.



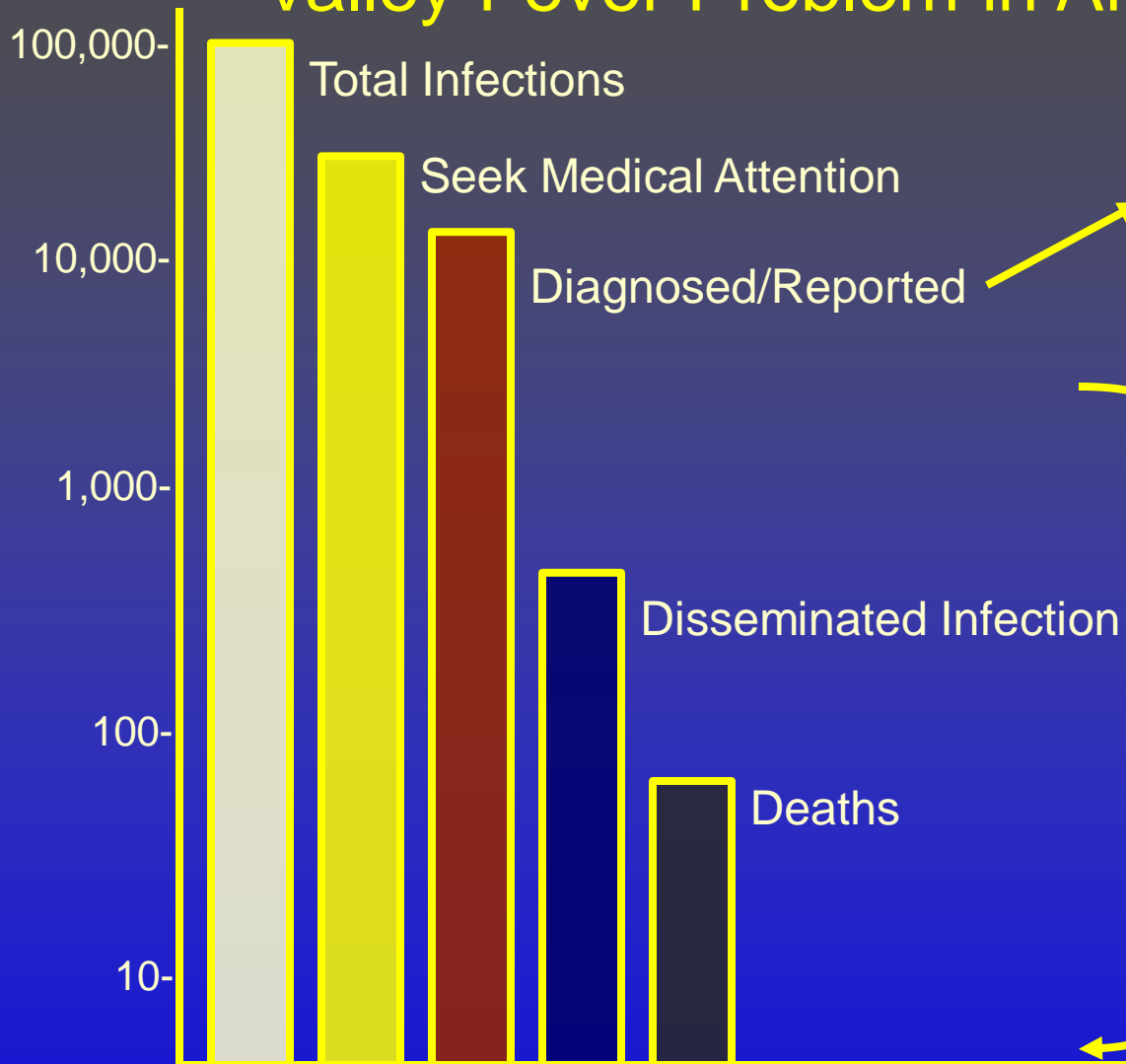
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The Valley Fever Corridor: 2/3 of all US disease occurs here





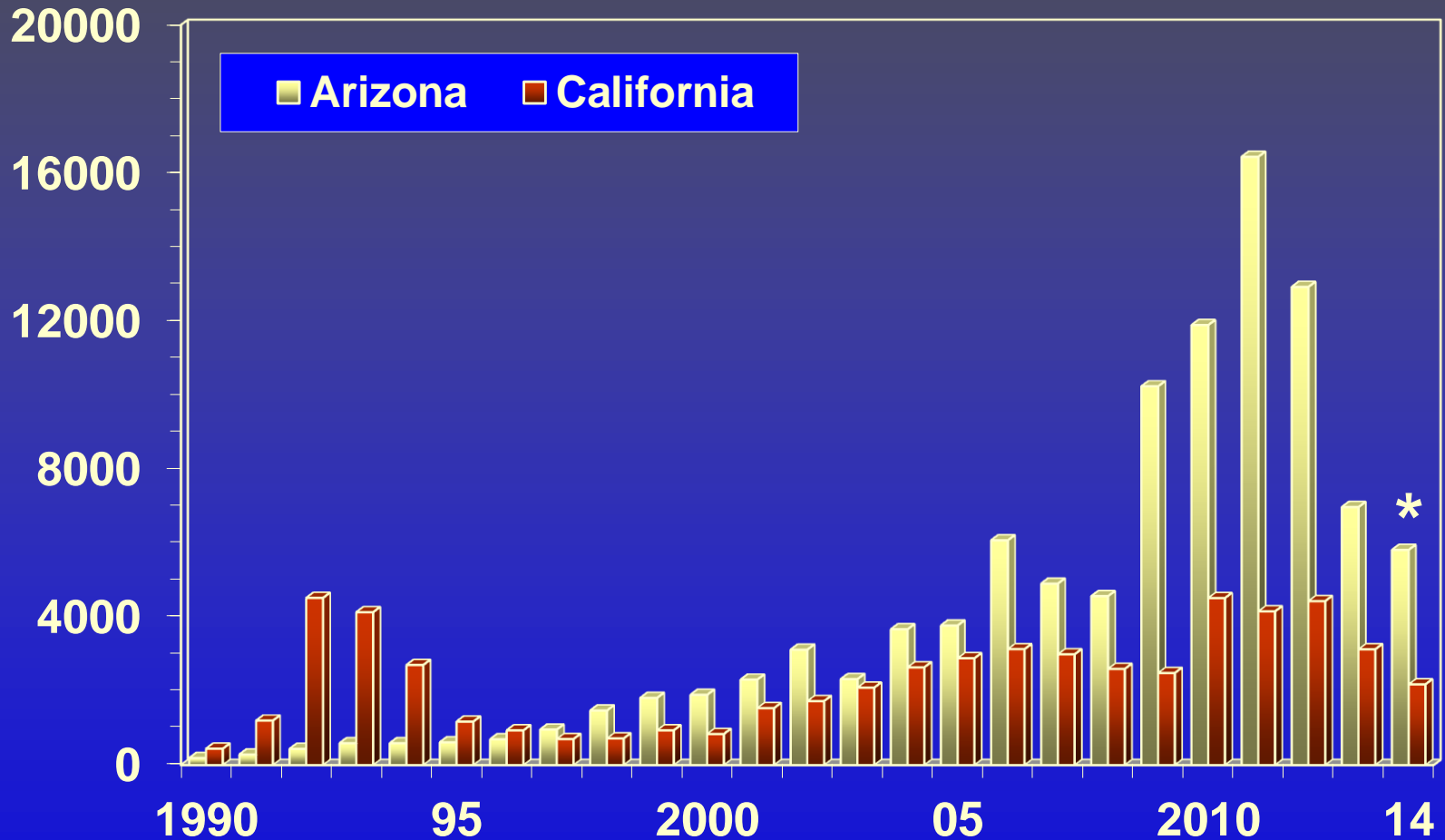
Valley Fever Problem in Arizona Alone



75% Stopped working,
Lost time > 2 weeks
50% Illness >6 months
40% Hospitalized costs
Alone=\$100M (2012 est.)



Reported Valley Fever



* 2014 data extrapolated from week 44, MMWR

Today's Schedule

Ken Ramos MD PhD: Precision Health: a Bold Initiative at the Az Health Sciences Center

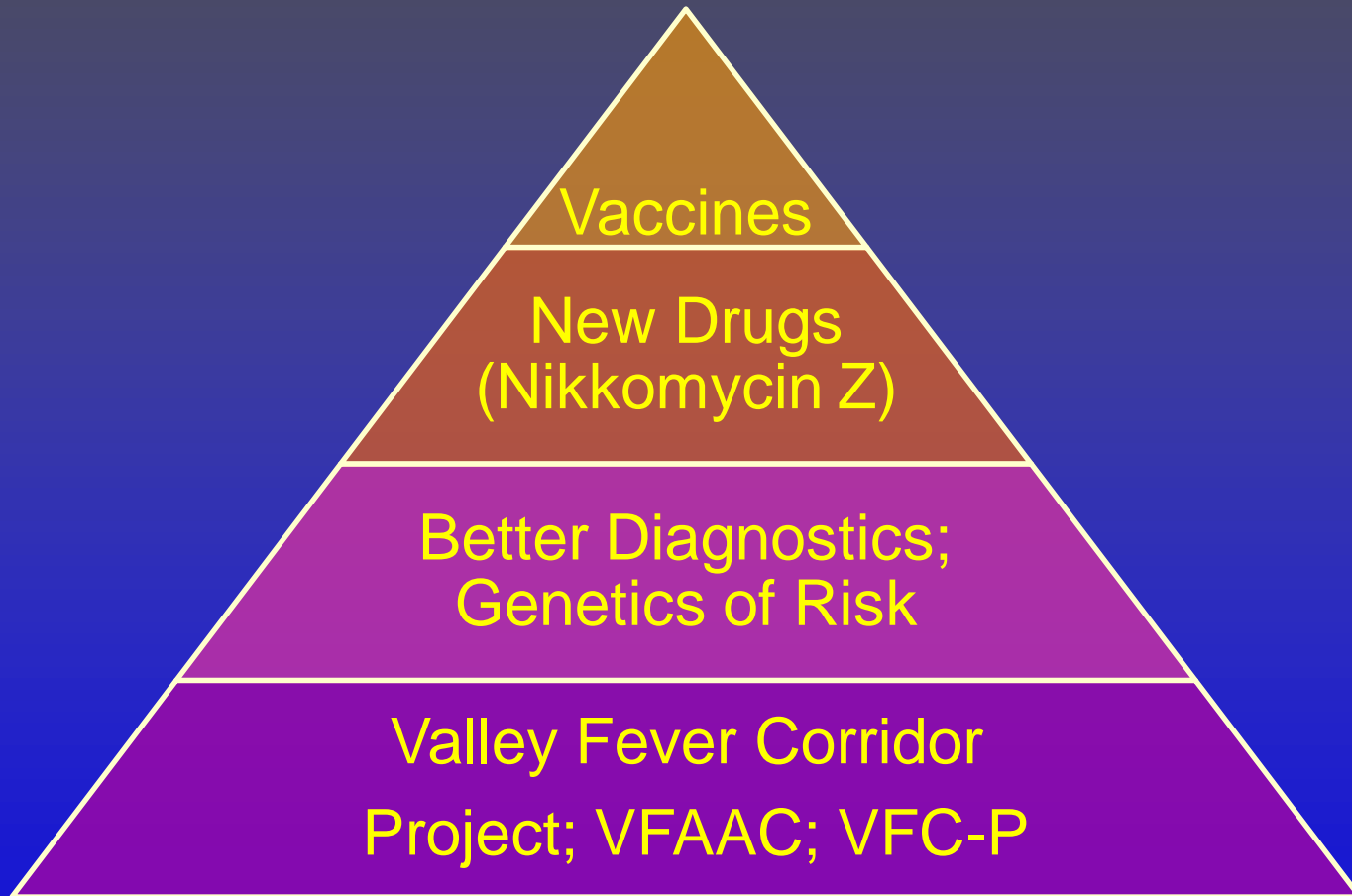
John Galgiani MD: Precision Health in Valley Fever: Does Ancestry Matter?

Break

Ziad Shehab MD: Valley Fever in Kids.

Lisa Shubitz DVM: A Valley Fever Vaccine for Dogs.

Clinical Network and Research



Valley Fever Costs to Arizona

Educate Arizona patients
and doctors

\$100 thousand/year

Referral network and case
management

\$300 thousand/year

Diagnostic test
development

\$1.5 million

Nikkomycin Z development

\$40-\$60 million

Vaccine development

-- Protein vaccine: **\$40 M
just to start clinical trials**

-- Live attenuated vaccine:
Safety??????

Dogs then Humans. **\$??**

Doing nothing

\$ 0.25 Billion

Thank-you

Valley Fever Center for Excellence



College of Medicine



Valley Fever  Center for Excellence