7TH INTERNATIONAL COCCIDIOIDOMYCOSIS SYMPOSIUM

A Continuing Medical Education Conference Presented by the Division of Infectious Diseases & Geographic Medicine Department of Medicine with Infectious Diseases & Geographic Medicine at the Stanford University School of Medicine

August 10-13, 2017
8:00 AM - 5:30 PM
Li Ka Shing Center for Learning
Palo Alto, CA

Please register early – space is limited • Register online at cme.stanford.edu/icm
Dear Colleagues,

It is a pleasure to invite you to the 7th International Coccidioidomycosis Symposium to be held August 10-13, 2017 at Stanford University. The meeting, which takes place approximately once a decade, will bring together experts from the Americas and will present state of the art knowledge about this fascinating disease. Areas covered will include:

- History
- Understanding the fungal life cycle
- Fungal ecology and genomics
- Epidemiology (classical and molecular) and public health
- Occupational health aspects
- Coccidioidomycosis in Latin America
- Veterinary aspects
- Immunity
- Clinical presentation
- Diagnostics
- Management, including review of new IDSA guideline
- Host aspects – including role of immunodeficiencies, as well as genetic and immunosuppressive therapies
- Surgical aspects
- Role of new and promising antifungal agents
- Clinical problem-solving

Space is limited so register early; we look forward to your participation in this meeting.

Sincerely,

Stan Deresinski, MD
Clinical Professor of Medicine
Division of Infectious Diseases
Stanford University

Neil M. Ampel, MD
Professor of Medicine
University of Arizona

Faculty

**Course Directors**

Stan Deresinski MD  
Clinical Professor, Medicine  
Division of Infectious Diseases  
Stanford University  
Course Director

Neil M. Ampel, MD  
Professor of Medicine  
University of Arizona  
Course Co-Director

**Faculty**

Cody Alcott, DVM, DACVIM  
Medical Director, Neurology & Neurosurgery  
Veterinary Specialty Center of Tucson

Neil M. Ampel, MD  
Professor of Medicine  
University of Arizona  
Course Co-Director

Eduardo G. Arathoon-Peréz, MD  
Asociación de Salud Integral  
Guatemala City, Guatemala

Wassim M. Ballan, MD  
Clinical Assistant Professor  
University of Arizona College of Medicine, Phoenix

Bridget Barker, PhD  
Center Director and Assistant Professor  
Northern Arizona Center For Valley Fever Research  
TGen North

Janis Blair, MD  
Professor of Medicine  
Mayo Clinic Arizona

Herb Boro, MD  
Infectious Diseases Clinician  
Fresno, CA  
Non-Speaking Convener

Cristina Canteros, MD  
Jefa de Servicio Micosis Profundas  
Departamento Micología  
INEI-ANLIS "Dr Carlos G. Malbrán"  
Buenos Aires, Argentina

Antonino Catanzaro, MD  
Professor of Medicine  
University of California at San Diego

Vishnu Chaturvedi, PhD  
Director of the Microbial Disease Laboratory  
California Department of Public Health

Tom Chiller, MD, MPHMT  
Chief, Mycology Diseases Branch  
Division of Foodborne, Waterborne, and Environmental Diseases  
National Center for Emerging and Infectious Zoonotic Diseases  
Centers for Disease Control and Prevention  
Non-CME Speaker

Nancy A. Chow, PhD  
Mycotic Diseases Branch  
Centers for Disease Control and Prevention

Karl V. Clemons, PhD  
Senior Research Scientist (retired)  
California Institute for Medical Research

Gail Sondermeyer Cooksey, MPH  
Infectious Diseases Branch  
California Department of Public Health

Marie A. de Perio, MD  
National Institute for Occupational Safety and Health  
Centers for Disease Control and Prevention

Stan Deresinski MD  
Clinical Professor, Medicine  
Division of Infectious Diseases  
Stanford University  
Course Director

Autumn P. Davidson, DVM  
Staff Veterinarian  
School of Veterinary Medicine  
University of Arizona at Davis  
Non-Speaking Convener

Dennis M. Dixon, PhD  
Chief, Bacterial and Mycology Branch  
Division of Microbiology and Infectious Disease  
National Institute of Allergy and Infectious Diseases  
National Institutes of Health  
Non-CME Speaker

David Engolthaler, PhD  
Director of Programs and Operations  
TGen North

Joshua Fierer, MD  
Professor of Medicine  
University of California at San Diego

John N. Galgiani, MD  
Director, Valley Fever Center for Excellence  
University of Arizona

Francesca Geertsma, MD  
Clinical Associate Professor of Pediatrics  
Stanford University  
Non-Speaking Convener

Thomas E. Gris, PhD  
Assistant Professor of Laboratory Medicine and Pathology  
Mayo Clinic Arizona

Susan E. Hoover, MD, PhD  
Infectious Diseases Specialist  
Sanford Health

Amy Hsu, BA  
Biologist, Laboratory of Clinical Infectious Diseases  
National Institute of Allergy and Infectious Diseases (NIAID)  
National Institutes of Health (NIH)

Chiung-Yu Hung, PhD  
Assistant Professor of Research  
University of Texas at San Antonio

Royce Johnson, MD, FACP  
Chief, Infectious Disease  
Kern Medical

Please register early – space is limited
Thursday – August 10th
8:00 – 9:00 AM Breakfast and Registration
9:00 – 11:00 Workshop 1: Isolation and Identification of Coccioidiodes from the Soil
   Bridget Barker, Nancy Chow, and Marc Orbach
9:00 – 11:00 Workshop 2: Clinical Laboratory Safety
   Vishnu Chaturvedi and Karl Clemons
9:00 – 11:00 Workshop 3: Understanding the Diagnostics of Coccioidiodes
   Thomas Grys, Demosthenes Pappaganis, and Mike Saubolle
11:00 – 12:30 Lunch
12:30 – 1:00 Opening of Conference
   Introduction by Neil M. Ampel
   History of Coccioidiodesmysis by Stan Deresinski
1:00 – 3:00 Fungal Ecology & Genomics
   Convener: Bridget Barker
   • Coccioidiodes Population Genomics – Bridget Barker
   • Analysis of Soils in Washington State and Oregon
     – Ana Litvintseva
   • Coccioidiodes in Soil and Rodents in Mexico – Meritxell Riquelme
3:00 – 3:30 Break
3:30 – 5:30 Clinical Presentations of Coccioidiodes
   Convener: Susan Hoover and Rafael Laniado
   Panel: Janis Blair, Antonino Catanazaro, John N. Galgiani, Royce Johnson, and Larry Mirels
5:30 PM Adjourn

Friday – August 11th
7:00 – 8:00 AM Breakfast
8:00 – 10:00 Epidemiology and Public Health
   Convener: Orion McCotter and Rebecca Sunenshine
   • Overview of the National Epidemiology – Orion McCotter
   • Coccioidiodesmysis in Arizona – Ken Komatsu
   • Coccioidiodesmysis in California
     – Gail Sondermeyer Cooksey; Duc Vugia
   • Coccioidiodesmysis in Washington State – Hanna Oltean
   • Genomic Epidemiology – David Engelthaler
10:00 – 10:30 Break and Poster 1 – Viewing
10:30 – 12:30 Treatment and Pharmacology
   Convener: George Thompson III
   • New Therapies for Coccioidiodesmysis – Thomas Patterson
   • Pharmacology of Newer Antifungals – James Lewis
   • Adverse Effects, Drug Interactions and Dosing Issues
     – David Nix
12:30 – 1:30 Lunch and Poster 1 – Viewing
1:30 – 3:30 Pediatric Coccioidiodesmysis
   Convener: Francesca Geertsma and James McCarty
   • Coccioidiodesmysis: Perspective from a Pediatric Pulmonologist – John Moua
   • Coccioidiodesmysis: The Pediatric Experience in Phoenix, AZ – Wassim Ballan
   • Coccioidiodesmysis in Children in California
     – Gail Sondermeyer Cooksey
3:30 – 4:00 Break and Poster 1 – Viewing
4:00 – 5:30 Veterinary Coccioidiodesmysis
   Convener: Autumn Davidson and Lisa Shubitz
   • Treatment of Coccioidiodesmysis in Dogs and Cats
     – Lisa Shubitz
   • CNS Manifestations of Coccioidiodesmysis in Dogs and Cats – Cody Alcott
   • Comparative Aspects of Canine and Human Coccioidiodesmysis – Jane Sykes
5:30 PM Adjourn
6:00 – 8:30 PM All Participant Reception

Saturday – August 12th
7:00 – 8:00 AM Breakfast
8:00 – 10:00 Coccioidiodesmysis in Latin American
   Conveners: Eduardo Arathoon and Rafael Laniado
   • Coccioidiodesmysis in Mexico – Rafael Laniado-Laborin
   • Coccioidiodesmysis Research in Mexico
     – Raquel Muñiz-Salazar
   • Coccioidiodesmysis and Tuberculosis: Differential Diagnosis
     – Luis Adrian Rendón-Pérez
   • Coccioidiodesmysis in Central America
     – Eduardo Arathoon-Peréz
   • Coccioidiodesmysis in South America – Cristina Canteros
10:00 – 10:30 Break and Poster 2 – Viewing
10:30 – 12:30 Basic Science
   Convener: Joshua Fierer
   • Animal Models of coccioidiodesmysis – Joshua Fierer
   • Mendelian Mutations and Susceptibility to Coccioidiodesmysis – Amy Hsu
   • Histoplasma and Coccioidiodes – Anita Sil
   • Determinants of a Vaccine for coccioidiodesmysis
     – Chiung-Yu Hung
12:30 – 1:00 Lunch
1:00 – 1:30 Update from CDC – Tom Chiller
   No CME
1:30 – 2:30 Update from NIH – Dennis Dixon
   No CME
2:30 – 3:00 Special Lecture – Introduction by Neil M. Ampel
   What is the Life Cycle of Coccioidiodes? – John Taylor
3:00 – 5:00 Coccioidiodesmysis in Compromised Hosts
   Convener: Janis Blair
   • Coccioidiodesmysis in Transplant Recipients – Janis Blair
   • Coccioidiodesmysis in Patients with HIV Infection
     – Neil M. Ampel
   • Coccioidiodesmysis in Patients Receiving Biologics
     – Susan Hoover
5:00 PM Adjourn
7:00 – 9:30 PM Faculty Dinner and Awards Ceremony

Sunday – August 13th
7:30 – 8:30 AM Breakfast
8:30 – 10:00 Occupational Health
   Convener: Marie de Perio
   • Occupational Coccioidiodesmysis Surveillance
     – Marie de Perio
   • Recent Occupational Coccioidiodesmysis Investigations and Education Efforts in California
     – Jason Wilken
   • Occupation and Industry Data in Coccioidiodesmysis-Assiated Deaths in California – Rebecca Laws
   • A Case-Control Study of Coccioidiodesmysis Among Hispanic Farm Workers in Kern County, CA
     – Stephen A. McCurdy
   • Knowledge, Attitudes, Beliefs and Behaviors Regarding Coccioidiodesmysis Among California Hispanic Farm Workers – Carol Sipan
10:00 – 12:00 Panel Discussion of the New Coccioidiodesmysis Guidelines
   Convener: John Galgiani
   Panel: Neil Ampel, Janis Blair, Antonino Catanazaro, Francesca Geertsma, Susan Hoover, Royce Johnson, David Stevens, and Rebecca Sunenshine
12:00 PM Adjourn
STATEMENT OF NEED
This CME conference seeks to fulfill the need in practicing health care professionals, particularly, physicians, clinical microbiologists, researchers, nurses, nurse practitioners, pharmacists, and veterinarians to improve the fund of knowledge in the prevention and management of coccidioidomycosis. The conference takes place approximately once in a decade, and will cover genomics, ecology, epidemiology, diagnosis, clinical presentation, treatment as well as pediatric and veterinary aspects of coccidioidomycosis, presented by experts in their field. The conference includes lectures with case studies, workshop sessions, panel discussion and an opportunity to engage in Q&A sessions with faculty.

TARGET AUDIENCE
This is an international program, designed for:
- Health care professionals specializing in prevention and management of Coccidioidomycosis
- Physicians in all specialties
- Clinical Microbiologists
- Researchers
- Registered Nurses
- Nurse Practitioners
- Pharmacists
- Veterinarians

LEARNING OBJECTIVES
At the conclusion of this activity, learners will be able to:
- Define the sites where coccidioides may be found in the environment
- Recognize the genomic tests for speciation and identification of coccidioidomycosis causative agents
- Discuss the recent increases in coccidioidomycosis in certain geographic areas
- Describe environmental risk factors for acquiring coccidioidomycosis
- Identify patient risk factors for increased severity for coccidioidomycosis
- Evaluate the various tests to diagnose and monitor coccidioidomycosis and select the best method for your patient
- Manage patients with coccidioidomycosis by recognizing how therapy may differ among various patient risk groups and taking in account the available antifungal agents and their use
- Discuss how certain immune deficits and mutations are related to increased severity of coccidioidomycosis
- Recognize how coccidioides may be pathogen rather than saprophyte

CANCELLATION POLICY
In the event of cancellation, course fees will be fully refunded.

The Stanford University School of Medicine reserves the right to cancel this program; in less a 20% administrative fee. No refunds will be made on cancellations received after Cancellations received in writing no less than 30 days before the course will be refunded, book by 7/10.

REGISTRATION
Registration fee includes course materials, certificate of participation, breakfast, lunch, and conference materials.

Register online with a Visa or Master Card by visiting cme.stanford.edu/icm. If you prefer to pay by check or need assistance, please call (650) 497-8554 or email stanfordcme@stanford.edu. Be sure to register with an email address that you check frequently. Your email address is used for critical information, including registration confirmation, evaluation, and certificate.

ATTENDEE TYPE | FEES
--- | ---
Physician/NP/RN | $475
All Others | $225

CANCELLATION POLICY
Cancellations received in writing no less than 30 days before the course will be refunded, less a 20% administrative fee. No refunds will be made on cancellations received after that date. Please send cancellation requests to stanfordcme@stanford.edu.

Stanford University School of Medicine reserves the right to cancel this program; in the event of cancellation, course fees will be fully refunded.

CONFERENCE LOCATION
Li Ka Shing Center for Learning and Knowledge
291 Campus Drive, 2nd Floor Conference Center
Stanford, California 94305
conferencecenter.stanford.edu

ACCOMMODATIONS
Sheraton Palo Alto
615 El Camino Real, Palo Alto, 650-328-2800

Traditional King or 2 Doubles: 8/9-8/10 – $349/night (+ taxes)
8/11-8/12 – $129/night (+ taxes)

Cardinal Hotel
235 Hamilton Avenue, Palo Alto, 650-323-5101
Queen, 2 Double, King, and Deluxe King: 8/9-8/10 – $279-$319/night (+ taxes)
8/11-8/12 – $159-$189/night (+ taxes)

Stanford Guest House
2575 Sand Hill Road, Menlo Park, 650-926-2800
Standard Queen 8/9-8/12 – $155/night

CONTACT INFORMATION
For questions about the symposium, please contact Yolanda Cervantes, CME Conference Coordinator, (650) 724-9549 or email ycervant@stanford.edu

Stanford Center for Continuing Medical Education
1520 Page Mill Road, Palo Alto, CA 94304
Phone: (650) 497-8554 • Email: stanfordcme@stanford.edu • Web: cme.stanford.edu

Stanford University School of Medicine is committed to ensuring that its programs, services, goods and facilities are accessible to individuals with disabilities as specified under Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Amendments Act of 2008. If you have needs that require special accommodations, including dietary concerns, please contact the CME Conference Coordinator.

Please register early – space is limited • Register online at cme.stanford.edu/icm