COCCI STUDY GROUP 60TH ANNUAL MEETING
AGENDA
Fresno, California
April 8-9, 2016

7:00-8:00 A.M. Breakfast, Registration, Poster Set-up

8:00-5:00 P.M. Poster Visitation - Hosted in Foyer
Moderator: Susan Hoover
List of Posters by Title and Authorship

- INTEGRATIVE MEDICINE PREFERENCES AMONG COCCIDIOIDOMYCOSIS PATIENTS
  Short J, Bradley C, Millstine D, Stewart T, Burns M, Patron R, Blair J.

- VERTEBRAL COCCIDIOIDOMYCOSIS: A CHALLENGING CASE IN AN IMMUNOCOMPETENT PATIENT
  Alynbiawi A, Stockamp N

- THE UTILITY OF USING REAL-TIME PCR IN THE DETECTION OF COCCIDIOIDES IMMITTIS IN THE CLINICAL SETTING AT THE CENTRAL CALIFORNIA SAN JOAQUIN VALLEY
  Dizon D, Mitchell M, Peterson M, Libke R, Chin C, Mills P and Oliver D

- EVIDENCE COCCIDIOIDES CAN CAUSE SARCOIDOSIS IN ARIZONA
  Yourison I and Kuberski T

- CURE OF COCCIDIOIDAL MENINGITIS: A CASE REPORT
  Kuberski T

- ADJUNCTIVE USE OF SERTRALINE IN A PATIENT WITH REFRACTORY COCCIDIOIDAL MENINGITIS
  Thu Y, Roshan B, Mu, A, Nassar N, Libke R, Stockamp N

- SERTRALINE DEMONSTRATES FUNGICIDAL ACTIVITY AGAINST COCCIDIOIDES IMMITTIS IN VITRO
  Paul S, Mortimer R, Mitchell M

- VERTEBRAL COCCIDIOIDOMYCOSIS PRESENTING IN HYPHAL FORM 23 YEARS AFTER AN INITIAL EPISODE OF CUTANEOUS COCCIDIOIDOMYCOSIS.
  Fernandez I, Stockamp N
• TUBERCULOSIS AND DISSEMINATED COCCIDIOIDOMYCOSIS IN A PATIENT WITH MALNUTRITION

• CULTURING COCCIDIOIDES: OPTIMIZING IN VITRO CULTURE MEDIUM TO REFLECT NUTRIENT AVAILABILITY IN VIVO
  Mead H, Barker B

• COMPARISON OF COCCIDIOIDES ANTIBODY DETECTION BY THE MIRA VISTA ENZYME IMMUNOASSAY WITH IMMUNODIFFUSION AND COMPLEMENT FIXATION
  Holbrook E and Wheat L

• DISSEMINATED COCCIDIOIDOMYOSIS IN CHILDREN
  Lee J, McCarty J, Dabrowski L, Tablizo M, Graciano A

• DIFFERENTIAL DIAGNOSIS BETWEEN COCCIDIOIDOMYCOSIS AND TUBERCULOSIS: CLINICAL AND EPIDEMIOLOGICAL RISK FACTORS IN A HOSPITAL IN RESPIRATORY DISEASES IN MEXICO CITY
  Higuera I, Vázquez Manríquez M, González-Valadez J, Palma Cortés G, Cabello Gutiérrez C

• AN AUTOMATED NODULE CALCULATOR FOR DIFFERENTIATING NODULES CAUSED BY LUNG CANCER FROM THOSE CAUSED BY COCCIDIOIDOMYCOSIS

• MOLECULAR ANALYSIS OF CLINICAL ISOLATES OF COCCIDIOIDES SP. FROM MEXICAN PATIENTS

• EPIDEMIOLOGY OF SEVERE COCCIDIOIDOMYCOSIS PNEUMONIA: TWO DECADES IN MEXICO IN THE NATIONAL INSTITUTE OF RESPIRATORY DISEASES "ISMAEL COSIO VILLEGAS"

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8:00-8:15 A.M. Convene Meeting/Introductions/PosterLogistics with Susan Hoover/Amenities/D. Stevens in memorium for H. Levine Neil Ampel
8:15-10:00 A.M.  Clinical Science  
Moderator: Rafael Laniado-Laborin

- COCCIDIOIDOMYCOSIS IN INFANTS: A RETROSPECTIVE CASE SERIES  
  Lee J, Graciano A, Dabrowski L, Kuzmic B, Tablizo M

- UTILITY OF COMBINED ENDOSONOGRAPHY (EBUS & EUS) IN THE DIAGNOSIS OF COCCIDIOIDOMYCOSIS  
  Sachdeva M, Almovidar K, Upadhyay D, Peterson M, Hegde P

- IMMUNNE RECONSTITUTION INFLAMMATORY SYNDROME IN PATIENTS WITH AIDS AND DISSEMINATED COCCIDIOIDOMYCOSIS: A CASE SERIES  
  Shein T, Mu A, Paul S

- THE UTILITY OF SCREENING FOR COCCIDIOIDOMYCOSIS IN RECIPIENTS OF ANTI-TNF-α THERAPY  
  Choi K, Mertz L, Heigh R, Yiannias J, Blair J

- ALOPECIA ASSOCIATED WITH FLUCONAZOLE: EFFECTS ON THE HAIR CYCLE IN A RAT MODEL  

- NOVEL CYP51 INHIBITORS FOR THE TREATMENT OF COCCIDIOIDOMYCOSIS  

- APPROACH TO TUMOR NECROSIS FACTOR-α INHIBITOR RECIPIENTS OR CANDIDATES WITH VARIOUS MANIFESTATIONS OF COCCIDIOIDOMYCOSIS  
  Garrett A, Cha, Stephen S, Wack, E, and Blair J

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10:00-10:30 A.M.  Poster Visitation/Break  
Posters 1-9

10:30-12:30 A.M.  Laboratory and Basic Science  
Moderator: George Thompson III

- APX001-A, A NOVEL ANTIFUNGAL DRUG IS ACTIVE AGAINST COCCIDIOIDES IN VIVO AND IN VITRO  
  Fierer J, Viriyakosol S, Kirkland T, Mutz M
• PERFORMANCE OF COCCIDIOIDOMYCOSIS PCR TESTING IN PATIENTS WITH LUNG NODULES
  Sachdeva M, Almovidar K, Samuel R, Mills P, Dizon D, Peterson M

• THE AVIRULENT MUTANT STRAIN \_cps1 PROVIDES LONG TERM SURVIVAL FOLLOWING LETHAL COCCIDIOIDES INFECTION IN MICE
  Shubitz L, Orbach M, Trinh H, Frelinger J, Galgiani J

• EX VIVO CYTOKINE EXPRESSION IN NEWLY DIAGNOSED COCCIDIOIDOMYCOSIS
  Ampel N, Robey I, Roller B, Chavez S, Nguyen C, Johnson S, Pappagianis D

• DEVELOPMENT OF AN IMPROVED ANTIBODY DETECTION EIA FOR USE IN IDENTIFICATION OF COCCIDIOIDOMYCOSIS

• THE TOTAL AND LECTIN BINDING PROTEOME OF SPHERULIN
  Lake D, Grys T, Kaushal S, Blair J, Mitchell N, Magee D

• UNDERSTANDING MECHANISMS OF RECOMBINATION IN COCCIDIOIDES
  Teixeira M, Barker B

• CSF (1,3)-beta-D-glucan (BG) Testing Is Useful in Diagnosis of Coccidioidal (coccy) Meningitis (CM)
  Stevens D, Zhang Y, Finkelman M, Pappagianis D, Clemons K, Martinez M

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12:30-1:30 P.M.  Lunch

1:30-2:15 P.M.  Business Meeting, Cocci Study Group
  Moderator: Neil Ampel, President, CSG

  ✓ Bylaws amendment discussion and vote
  ✓ CSG #62 (2018) date, host and vote
  ✓ Election for CSG Board Secretary
  ✓ CSG 7th International Conference and Symposium at Stanford University campus (2017)/confirm dates
  ✓ Treasurer’s report by Royce Johnson
  ✓ Dennis Dixon cocci pneumonia study update
  ✓ Nikkomycin-Z – status update and development plans
  Larwood D and Galgiani J
2:15-3:15 Ecology and Epidemiology I  
Moderator: Tom Chiller

- FACTORS ASSOCIATED WITH COCCIDIOIDOMYCOSIS TESTING AMONG COMMUNITY-AQUIRED PNEUMONIA PATIENTS IN SOUTHERN CALIFORNIA, 2011

- Demographic Characteristics and Institutional and Community Exposures Among California State Prison Inmates with Positive Coccidioidomycosis (cocci) Skin Test Results
  Lucas K, Wheeler C, Mohle-Boetani J

- EPIDIOLOGY OF PEDIATRIC COCCIDIOIDOMYCOSIS IN CALIFORNIA, 2000–2012
  Sondermeyer G, Lee L, Gilliss D, McCarty J, Vugia D

- SURVEILLANCE FOR COCCIDIOIDOMYCOSIS IN ARIZONA: 2015 UPDATE
  Khan M, Rafiq A, Brady S

3:15-3:45 P.M. Poster Visitation/Break
Posters 10-18

3:45-4:45 Ecology and Epidemiology II  
Moderator: Janis Blair

- ESTIMATING TRENDS OF COCCIDIOIDOMYCOSIS IN AN ENDEMIC AREA AFTER LABORATORY REPORTING CHANGES: MARICOPA COUNTY, 2006-2014.
  Koski L, Sylvester T, Narang J, Sunenshine R

- COCCIDIOIDOMYCOSIS AMONG AMERICAN INDIANS AND ALASKA NATIVES, 2001–2013

- POPULATION DYNAMICS OF COCCIDIOIDES AND THE EMERGENCE OF CLINICAL GENOTYPES
  Teixeira M; Barker B
• COCCIDIOIDOMYCOSIS IN RESCUED MARINE MAMMALS ALONG CALIFORNIA’S COAST

• A QUALITATIVE STUDY OF VALLEY FEVER AMONG HISPANIC/LATINO FARMWORKERS IN CALIFORNIA
Portillo-Silva C

5:00 P.M. Concluding Remarks
Neil Ampel

7:00 P.M. Dinner (by reservation)
Republican Restaurant,
2120 Kern St.,
Fresno, CA 93728

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2016 CSG Satellite Meeting: Coccidioidomycosis and the Environment
U.C.S.F.-Fresno campus
Fresno and R Streets
Fresno, CA 93721
April 8, 2016; 1-5 P.M.

12:30-1:00 Registration (no added cost when registered to attend the CSG 60th Annual Meeting April 9, 2016 at U.C.S.F.-Fresno)

1:00-1:15 P.M. Welcome Address: Bridget Barker (Moderator)

1:15-1:35 DIRECT DETECTION OF COCCIDIOIDES FROM ARIZONA SOILS WITH A NEW REAL-TIME PCR ASSAY

1:35-1:55 DEVELOPING METHODS FOR DETECTION OF COCCIDIOIDES USING TARGETED AND SHOTGUN METAGENOMIC SEQUENCING OF ENVIRONMENTAL SAMPLES
Chow N, Gade L, Litvintseva A
1:55-2:15
STANDARDIZATION OF NESTED PCR FOR COCCIDIOIDES SP. DNA DETECTION IN SOIL SAMPLES

2:15-2:45  Coffee Break

2:45-3:05
REGIONAL ENVIRONMENTAL SOIL AND AIR SAMPLING FOR COCCIDIOIDES SP. AND AIRBORNE FUNGAL SPORE DISTRIBUTION PATTERNS
Cat L, Gorris M, Randerson J, Treseder K

3:05-3:25
GROWTH OF COCCIDIOIDES IN SOIL
Hurst S, Gade L, Plumlee G, Litvintseva A

3:25-3:45
INCREASED INCIDENCES OF COCCIDIOIDOMYCOSIS CORRELATED WITH LARGE SCALE LAND DEVELOPMENT IN THE ANTELOPE VALLEY
Colson A, Guevara R, Vredenburgh L, Antje L

3:45-4:00  Break

4:00-5:00  Forum Discussion: Roundtable with speakers and final thoughts, Questions and Answers

Dinner (on your own)

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2016 CSG Satellite Meeting: Coccidioidomycosis and Occupational Health
U.C.S.F.-Fresno
The DoubleTree Hotel
2233 Ventura St., Fresno, CA 93721
April 8, 2016; 7-9 P.M.

6:45-7:00 P.M.  Registration (no added cost when registered to attend the CSG 60th Annual Meeting April 9, 2016 at U.C.S.F.-Fresno, Fresno, CA)

7:00-7:05  Welcome Address: Orion McCotter and Marie de Perio (co-Moderators)
7:05-7:25
THE IMPORTANCE OF COLLECTING OCCUPATION, INDUSTRY AND WORKPLACE DATA WITHIN COCCIDIOIDOMYCOSIS SURVEILLANCE SYSTEMS
Luckhaupt S

7:25-7:45
SUSPECT COCCIDIOIDOMYCOSIS AMONG WORKERS MANY AS CONSTRUCTING SOLAR POWER FARMS IN CALIFORNIA: TWICE AS MANY AS LABORATORY-CONFIRMED
Sondermeyer G, McNary J, Gilliss D, Schusterman D, Materna B, Vugia D

7:45-8:05
FARMWORKER CASE CONTROL PILOT UPDATE
McCurdy S

8:05-8:30
Panel Discussion: Risk Communication Regarding Coccidioidomycosis and High Risk Occupations

CALIFORNIA COCCIDIOIDOMYCOSIS COLLABORATIVE
Materna B, Kirt E, Guevara R

8:30-8:55
Panel Discussion: Exploration of the Use of the Spherule-Derived Skin Test for Coccidioidomycosis and Its Applications in Workplace Settings
De Perio M, Sunenshine R, McCotter O

8:55-9:00
Closing Remarks: Orion McCotter and Marie de Perio

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2016 Cocci Study Group 60th Annual Meeting Hosts
Michael Peterson, Robert Libke, and Paul Mills
Monica Sozinho and Virginia Coningsby, event coordinators
U.C.S.F.-Fresno, Fresno Regional Medical Center, Fresno, CA

2016 Cocci Study Group 60th Annual Meeting Moderators
  - Poster Presentations - TBD
  - Clinical Science: Oral Presentations - TBD
  - Laboratory and Basic Science: Oral Presentations - TBD
  - Ecology and Epidemiology: Oral Presentations - TBD
  - Satellite: Cocci and the Environment - Bridget Barker
  - Satellite: Cocci and Occupational Health - Orion McCotter and Marie de Perio
Cocci Study Group Program Committee
Herbert Boro – Director
Bridget Barker
Karl Clemons
Susan Hoover
Orion McCotter
Rajal Mody
Lisa Shubitz
Rebecca Sunenshine

Cocci Study Group Board of Directors
Neil Ampel – President
Janis Blair
Herbert Boro
Antonino Catanzaro – Past President
Autumn Davidson
Jessica Einstein
Royce Johnson
Rafael Laniado-Laborin
Rebecca Sunenshine
George Thompson III

Draft date: February 21, 2016
Draft date: February 26, A.M., 2016
Draft date: February 26, P.M., 2016
Draft date: February 29, 2016
Draft date: March 2, 2026
Draft date: March 6, 2016
Draft date: March 9, 2016
Draft date: March 9, 9:00 P.M., 2016