“Sarcoidosis Advances and Controversies: Vulnerable Populations, Disease Pathogenesis and Clinical Challenges”

Final Program

Friday, April 13, 2018

8:00-9:00 Registration and Continental Breakfast

9:00-9:10 Opening and Welcome:
Peter Sporn, MD (Northwestern University)
Nadera Sweiss, MD (University of Illinois College of Medicine)

Session 1. Disparities in Sarcoidosis: Implications of Epidemiology for Pathogenesis, Treatment and Outcomes

Moderators: Alicia Gerke, MD, MBA (University of Iowa) and Susan Russell, MD (Northwestern University)

9:10-9:35 Update on Exposure and Sarcoidosis Risk: The Ongoing Search for the Sarcoidosis Antigen(s)
Lisa Maier, MD, MSPH (National Jewish Health)

9:35-10:00 Sarcoidosis in Firefighters with and without World Trade Center Exposure
David Prezant, MD (Albert Einstein College of Medicine and New York City Fire Department)

10:00-10:25 Sarcoidosis in African Americans, Women, and Other Groups
Yvette Cozier, DSc (Boston University)

10:25-10:45 Coffee Break

Session 2. Pro-Con Debate: Is Sarcoidosis an Infectious Disease?

10:45-11:05 Pro: Wonder Drake, MD (Vanderbilt University)
11:05-11:25 Con: David Moller, MD (Johns Hopkins University)
11:25-11:30 Response: Wonder Drake, MD
11:30-11:35 Response: David Moller, MD
11:35-11:45 Discussion

11:45-1:00 Abstract Poster Viewing and Lunch

Session 3. Immunology of Granuloma Formation and Progression in Sarcoidosis and Other Diseases: Similarities and Differences

Moderators: Peter Sporn, MD (Northwestern University) and Ed Chen, MD (Johns Hopkins University)

1:00-1:35 Macrophages and mTOR Signalling in Sarcoid Granulomas
Thomas Weichhart, PhD (Medical University of Vienna)

1:35-2:10 Immunopathogenesis of Berylliosis
Andrew Fontenot, MD (University of Colorado)
Americas Association of Sarcoidosis and Other Granulomatous Disorders (AASOG)
Annual Conference, April 13-14, 2018

2:10-2:45  Regulation and Role of Granuloma Formation in Tuberculosis
Lalita Ramakrishnan, MD, PhD (University of Cambridge, UK)

2:45-3:20  Trying to Connect Some Dots: Sarcoidosis in Areas of Fungal Endemicity
Kenneth Knox, MD (University of Arizona)

3:20-3:35  Coffee Break

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Session 4. Transcriptome and Microbiome in Pulmonary Sarcoidosis and Related Lung Disease: What Have We Learned and What More Do We Need to Know?

Moderators: Courtney Montgomery, PhD (Oklahoma Medical Research Foundation, PhD) and Laura Koth, MD (University of California at San Francisco)

3:35-4:10 The BAL Transcriptome of Sarcoidosis: Insights from the GRADS Study
Naftali Kaminski, MD (Yale University)

4:10-4:45 Microbiome in Sarcoidosis: GRADS and Beyond
Alison Morris, MD, MS (University of Pittsburgh)

4:45-5:20 Alveolar Macrophages in the Aging Lung
G. R. Scott Budinger, MD (Northwestern University)

5:30-7:00 Conference Dinner

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7:30-9:30 AASOG/FSR Reception
Omni Hotel Chicago – 676 N Michigan Ave, Chicago, IL 60611

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Saturday, April 14, 2018

8:00-8:30 Continental Breakfast

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Session 5. Cardiac Sarcoidosis: New Developments in Diagnosis and Management

Moderators: Clyde Yancy, MD (Northwestern University) and Marc Judson, MD (Albany Medical College)

8:30-8:55 Evaluation of Cardiac Sarcoidosis with PET and MRI: Should We Use One or Both Imaging Modalities
Paco Bravo, MD (Harvard University)

8:55-9:20 Arrhythmias in Cardiac Sarcoidosis: the Cardiac Sarcoidosis Consortium
Frank Bogun, MD (University of Michigan)

9:20-9:45 Assessing and Treating the Myocardium in Patients with Cardiac Sarcoidosis
Lori Blauwet, MD (Mayo Medical School)

9:45-10:10 Cardiac Sarcoidosis: Unmet Needs in Diagnosis and Treatment
Elliott Crouser, MD (Ohio State University)
### Americas Association of Sarcoidosis and Other Granulomatous Disorders (AASOG) Annual Conference, April 13-14, 2018

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<td>10:30-10:45</td>
<td>AASOG Presidential Address</td>
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<td>Elliott Crouser, MD (Ohio State University)</td>
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#### Session 6. Featured Abstracts Oral Presentations

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<td>10:45-11:00</td>
<td><strong>High T-bet Expression in Peripheral T Helper Cells Correlates with Pulmonary Function Change in Sarcoidosis</strong></td>
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<td>Nicholas Arger (University of California at San Francisco)</td>
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<td>11:00-11:15</td>
<td><strong>Improved Risk Stratification of Patients with Suspected Cardiac Sarcoidosis Using Cardiac Magnetic Resonance Imaging</strong></td>
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<td>Felipe Kazmirczak (University of Minnesota)</td>
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<td>11:15-11:30</td>
<td><strong>IL-12-regulated M2 Polarization during Granuloma Formation in an In-Vitro Human Sarcoidosis Model</strong></td>
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<td>Van Le (Ohio State University)</td>
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<td>11:30-11:45</td>
<td><strong>T Cell Receptor Usage and Antigen Discovery in Löfgren’s Syndrome</strong></td>
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<td>Angela Mitchell (University of Colorado)</td>
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<td>11:45-12:00</td>
<td><strong>Foundation for Sarcoidosis Research Opportunities for Investigators</strong></td>
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<td>Noopur Singh (Foundation for Sarcoidosis Research)</td>
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### Session 7. Clinical Approaches to Pulmonary and Extra-pulmonary Sarcoidosis: Where Is the Evidence?

**Moderators:** Catherine Bonham, MD (University of Chicago) and Colin Ligon, MD (University of Pennsylvania)

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<td>1:00-1:20</td>
<td><strong>Stranded in an EBM World: Treatment of Pulmonary Sarcoidosis</strong></td>
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<td>Meyer Balter, MD (University of Toronto)</td>
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<td>1:20-1:40</td>
<td><strong>Ocular Manifestations of Sarcoidosis</strong></td>
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<td>Debra Goldstein, MD (Northwestern University)</td>
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<td>1:40-2:00</td>
<td><strong>Dermatology Perspective</strong></td>
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<td>Emily Keimig, MD (Northwestern University)</td>
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<td>2:00-2:20</td>
<td><strong>Rheumatologic Manifestations of Sarcoidosis: Lessons Learned from Rheumatoid Arthritis</strong></td>
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<td>Nadera Sweiss, MD (University of Illinois College of Medicine)</td>
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<td>2:20-2:40</td>
<td><strong>Neurosarcoidosis: Evidence-Based Treatment</strong></td>
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<td>Jinny Tavee, MD (Northwestern University)</td>
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2:40-2:55   Coffee Break

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**Session 8. The Future of Sarcoidosis Research**

**Moderators:** Elliott Crouser, MD (Ohio State University) and Dan Culver, DO (Cleveland Clinic)

2:55-3:20   Rare Lung Disease Research at NHLBI - Louis Vuga, MD, MPH, PhD (National Institutes of Health)

3:20-3:45   How Can We Model Sarcoidosis - *in Vitro*, and *in Vivo*? - Larry Schlesinger, MD (Texas Biomedical Research Institute)

3:45-4:10   Studies that People Want: the Era of Relevant Research Is Here - Jerry Krishnan, MD, PhD (University of Illinois College of Medicine)

4:10-4:35   New Targets, New Therapies - Robert Baughman, MD (University of Cincinnati)

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4:35-4:40   Conference Closing

Peter Sporn, MD, Nadera Sweiss, MD

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**AASOG Conference Faculty**

**Conference Organizers**

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We gratefully acknowledge the sponsors of the 2018 AASOG Conference