

AASOG 2024 Scientific Conference Program

Wednesday, August 14, 2024

Evening Welcome Reception, Revival Hotel

Thursday, August 15, 2024

8:15 am - Welcome by AASOG President, Alicia Gerke

Session 1: Teamwork Makes the Dreamwork: Sarcoidosis Multidisciplinary Teams

Moderators: Ogi Obi and Brian Houston

- a. Introduction: "Starting with our Why"
Speaker: Nisha Gilotra
- b. Multidisciplinary: What does it mean in Sarcoidosis and how do we create it?
Speaker: Athol Wells (WASOG president)
- c. Training the Pipeline
Speaker: Laura Hinkle
- d. Mentoring the Next Generation
Panelists: Laura Koth, David Moller, Lisa Maier, Dan Culver, Wonder Drake
Moderators: Michelle Sharp and Kristen Mathias
- e. Therapeutics in a Multidisciplinary World
Speaker(s) - Barney Stern, Andrew Rosenbaum, Ennis James, Nadera Sweiss, Victoria Wotorson, Bryn Burkholder
- f. Panel Q&A

Coffee break

Session 2: Mind the Gap: Addressing Health Disparities

Moderators: John Odackal and Wonder Drake

- a. Introduction: Overview of disparities in the field
Speaker: Michelle Sharp
- b. Gene-environment interactions and the relationship with socioeconomic factors
Speaker: Yvette Cozier
- c. Improving disparities together
Speaker: Logan Harper
- d. Translational implications: from bench to bedside to the real world
Speaker: Catherine Bonham
- e. Improving diversity in clinical trials
Speaker: Sumita Khatri
- f. Panel discussion and Q&A

Lunch – Poster Viewing

Session 3:

Part 1: The Search for Precision in Sarcoidosis

Moderators: Ed Chen and Nicholas Arger

- a. Overview of our current understanding of sarcoidosis pathobiology
Speaker: Ed Chen

- b. In vitro granuloma models and pathogen response
Speaker: Landon Locke

- c. Upper airway epithelial model and pathogen response
Speaker: Alejandro Pezzulo

- d. Advances in molecular studies of granulomas in tuberculosis
Speaker: Erin F McCaffrey

- e. Role of TH17.1 cells and their interplay with macrophages in sarcoidosis
Speaker: Antje Prasse

Part 2: Is there an “Omics” definition of sarcoidosis?

2:35-3:55pm

Moderators: Skip Garcia, Daniela Cihakova, and Antje Prasse

- a. Exome and Snip/DNA
Speaker: Courtney Montgomery
- b. Transcriptomics
Speaker: Lisa Maier
- c. Epigenetics
Speaker: Ivana Yang
- d. Proteomics
Speaker: Maneesh Bhargava
- e. Spatial Transcriptomics
Speaker: Jonas Schupp
- f. Panel (all Part 1 and 2 speakers): How do we integrate and work together to reach precision medicine?

Day 1 Wrap Up

Evening Event - AASOG Awards Dinner, Location TBD

Friday, August 16, 2024

7:30-8:15am Speed Mentoring Breakfast

Session 4: Outcomes in Sarcoidosis: To what end?

Moderators: Arthur Yee, Jan Griffin

- a. What Outcomes Matter to Patients
Panel discussion from the Johns Hopkins Patient Advisory Board will give a patient perspective on outcomes that matter for patients.
Speaker(s) – Larry Franklin, Heidi Junk, Victor Eyo, Rachel Tate; Moderator: Kayla Nyakinye

- b. Current state of clinical outcomes in multi-system sarcoidosis
Speaker: Dan Culver
- c. Health related quality of life and patient reported outcomes in sarcoidosis
Speaker: Lesley-Ann Saketkoo
- d. Development of Innovative Outcomes (20 min)
Speaker: Lisa Shulman
- e. Integration of Multidisciplinary Outcomes in Management and Research of Sarcoidosis: Panel Discussion and Q&A

Coffee break

Session 5: Clinical Trials: Something Old, Something New, Something Borrowed, Always Purple

Discuss clinical trials with a goal to highlight what clinical trials (or lack thereof) we have had in sarcoidosis and what lessons we have learned from our failures, successes, and challenges.

Moderators: Elliott Crouser and Jordana Kron

- a. Introduction: The importance of new treatment options in sarcoidosis
Speaker: Carlos Pardo
- b. Clinical Trials: The journey so far and lessons learned
Speaker: Leslie Cooper
- c. Borrowing from other multisystem diseases
Speaker: Clifton Bingham
- d. FDA approach to outcomes in rare diseases
Speaker: FDA speaker
- e. Launching a Clinical Trial in Sarcoidosis
Speaker: David Birnie
- f. Pro/Con Debate: Clinical trials in sarcoidosis should be approached in a single organ specific manner
Speakers: Brian Houston (PRO) and Lisa Maier (CON)
- g. Panel Q&A

Lunch

Session 6: Addressing advanced disease in sarcoidosis: These sessions discuss some of the key clinical questions in management of “advanced sarcoidosis”, the forms of sarcoidosis with significant risk of loss of organ function or death. The sessions will take place as breakout sessions focused on advanced lung, cardiac and neurologic disease.

Breakout session A: Fibrotic sarcoidosis and sarcoidosis associated pulmonary hypertension

Advanced pulmonary fibrosis and sarcoidosis associated pulmonary hypertension contribute to high morbidity and mortality in sarcoidosis. There is a need to address individualized patient with respect to patient’s symptoms, comorbidities, assessment of inflammation and extent of fibrosis and its complications. The multifactorial and complex aspect of patients with advanced sarcoidosis related lung disease often require a multidisciplinary discussion for optimal, personalized management. This session discusses the pathophysiologic basis of advanced pulmonary sarcoidosis, existing challenges, and treatment strategies.

Moderators: Karen Patterson and Stephen Mathai

- a. Inflammation, fibrosis, and complications
Speaker: Marc Judson
- b. Pro/Con Debate about anti-fibrotic use in management of pulmonary fibrosis in sarcoidosis
Speakers: Catherine Bonham & Karen Patterson
- c. Sarcoidosis associated pulmonary hypertension
Speaker: Stephen Mathai
- d. Panel Q&A

Breakout session B: End stage pulmonary and cardiac disease

Sarcoidosis is an indication for lung and/or heart transplantation for end-stage disease, including fibrotic lung disease, heart failure or refractory arrhythmias. Despite these indications for transplantation, there are often delays in referral and challenges in management of these complex patients with systemic multiorgan disease. These challenges are in part related to a lack of specific transplantation guidelines for sarcoidosis. This session focuses on these knowledge gaps, highlighting recent data and approaches to transplantation in patients with advanced sarcoidosis.

Moderators: Nisha Gilotra and Adam Morgenthau

- a. Holistic approach to advanced pulmonary sarcoidosis and lung transplantation
Speaker: Shambhu Aryal
- b. Advanced arrhythmia management in sarcoidosis
Speaker: Jordana Kron
- c. Advanced heart failure management in sarcoidosis
Speaker: Farooq Sheikh
- d. Panel Q&A

Breakout session C: Management of High Risk Neurosarcoidosis

Neurosarcoidosis is a high-risk disease form in patients with sarcoidosis. Sarcoidosis can involve any part of the nervous system and when it does, is difficult to treat. This session will discuss the various aspects of high risk neurosarcoidosis.

Moderators: Jinny Tavee and Barney Stern

- a. Ocular neuropathy
Speaker: Amanda Henderson
- b. Hydrocephalus/Brain involvement
Speaker: Jeffrey Gelfand
- c. Spinal Cord involvement
Speaker: Carlos Pardo
- d. Small fiber neuropathy, brain fog, and fatigue
Speaker: Paula Barreras
- e. Panel Q&A

Session 7: Abstract Presentations and Clinical Cases

- a. Oral abstract presentations
- b. Clinical case panel session led by David Perlman

Closing remarks - Chairs