

WASOG

STOCKHOLM
19-21 JUNE
2023



MONDAY 19 June 2023

hrs	Aula Medica Auditorium	Aula Medica Floor 2	Aula Medica Floor 3
07:00- 08:30	Registration		
08:30-09:00	Welcome to WASOG 2023		
09:00-10:25	Session 1: New concepts on disease characterization and phenotypes in ILDs		
10:25-10:45		Poster Viewing	Coffee Break & Exhibition
10:45-12:15	Session 2: Progress in complex phenotype prediction in ILDs across ancestries		
12:15-12:25	Health Promotion Activity		
12:25-13:25		Poster Viewing	Lunch Break
13:25-14:50	Session 3: Big data, biobanks, and genetic approaches in ILDs		
14:50-15:10		Poster Viewing	Coffee Break & Exhibition
15:10-16:10	Industry - Sponsored Lectures	Poster Talk Session I & Poster Viewing with Authors	
16:10-17:25	Session 4: Translational Medicine and data-driven clinical Applications in ILDs		
17:25-18:05	Poster Moderated Session I		
18:30	Transfer service from Aula Medica to Vasa Museum (one-way only)		
19:00-23:00	Welcome Reception at Vasa Museum		



TUESDAY 20 June 2023

hrs	Aula Medica Auditorium	Aula Medica Floor 2	Aula Medica Floor 3
08:00-09:55	Session 5: Precision Medicine in the digital health era in ILDs		
09:55-10:15		Poster Viewing	Coffee Break & Exhibition
10:15-11:40	Session 6: Multiomics for diagnostics in ILDs		
11:40-12:20	Industry - Sponsored Lectures		
12:20-13:20		Poster Viewing	Lunch Break
13:20-14:45	Session 7: Immunological approaches and methods in ILDs, I		
14:45-15:05		Poster Viewing	Coffee Break & Exhibition
15:05-16:05	Patient Education Sessions	Poster Talk Session II & Poster Viewing with Authors	
16:05-16:55	Poster Moderated Session II		
17:30	Transfer service from Aula Medica to Skansen (one-way only)		
18:00-23:00	Swedish Midsummer Fest at Skansen		



WEDNESDAY 21 June 2023

hrs	Aula Medica Auditorium	Aula Medica Floor 2	Aula Medica Floor 3
08:00-09:40	Session 8: Immunological Approaches and Methods in ILDs, II		
09:40-10:00		Poster Viewing	Coffee Break & Exhibition
10:00-11:55	Session 9: New Approaches for patient care, palliative care, and Quality of Life in ILDs		
11:55-12:05	Health Promotion Activity		
12:20-13:20		Poster Viewing	Lunch Break
13:20-14:00	Poster Moderated Session III		
14:00-16:00	Session 10: Current clinical challenges in diagnosis and patient management in ILDs		
16:00-16:30	Poster Awards		
16:30-16:45	CONCLUSION REMARKS		
17:30	Transfer service from Aula Medica to Nobel Museum (one-way only)		
18:00-23:00	Cocktail Party at Nobel Museum		



MONDAY 19 June 2023

07:00-08:30 **Registration**

08:30-09:00 **WELCOME**

Natalia Rivera (SE), Conference Chair

Johan Grunewald (SE)

Daniel Culver (USA), WASOG President

Session 1 **New concepts on disease characterization and phenotypes in ILDs**

Chairs: Dominique Israël-Biet (FR) & Björn Frye (DE)

09:00-09:10 **Welcome and introduction - Characterization of phenotypes in ILDs**
Jan Grutters (NL)

09:10-09:25 **Gut Dysbiosis in interstitial lung disease—friend or foe?**
Wonder Drake (USA)

09:25-09:40 **AI-enabled quantitative CT for enhanced assessments of pulmonary fibrosis**
Steve Humphries (USA)

09:40-09:55 **Progressive ILD on rheumatic diseases- The Rheumatologists' Perspective** Anna-Maria Hoffmann-Vold (NO)

09:55-10:15 **Panel Discussion**
All session faculty

10:15-10:25 **Summary and close**
Mridu Gulati (USA)

10:25-10:45 ***Coffee Break, Poster Viewing, Exhibition***

Session 2 **Progress in complex phenotype prediction in ILDs across ancestries**

Chairs: Janne Møller (DK) & Karen Moor (NL)

10:45-11:00 **Including diverse and admixed populations in complex phenotype prediction**
Amke Caliebe (DE)

11:00-11:15 **Sarcoidosis and the Complex Role of Race**
Yvette Cozier (USA)

11:15-11:30 **Health Disparities in Sarcoidosis: Improving the outcome across ancestries**
Michelle Sharp (USA)



11:30-11:45 **Untangling the social and biologic implications of self-reported race in Sarcoidosis**
Logan Harper (USA)

11:45-12:05 **Panel Discussion**
All session faculty

12:05-12:15 **Summary and close**
Marc Judson (USA)

12:15-12:25 ***Health Promotion Activity***
Anders Wiberg (SE)

12:25-13:25 ***Lunch Break***

Session 3 **Big data, biobanks, and genetic approaches in ILDs**

Chairs: Ivana Yang (USA) & Coline van Moorsel (NL)

13:25-13:35 **Welcome and introduction**
Lisa Maier (USA)

13:35-13:50 **Genetic and Genomic Factors in Sarcoidosis as a systemic disease**
Courtney Montgomery (USA)

13:50-14:05 **The ILD Biobank: Beyond Just Collecting Samples**
Annelies Wind (NL)

14:05-14:20 **Genetic architecture of sarcoidosis using multi-ethnic cohorts in the MESARGEN consortium**
Natalia Rivera (SE)

14:20-14:40 **Panel Discussion**
All session faculty

14:40-14:50 **Summary and close**
Nichole Carlson (USA)

14:50-15:10 ***Coffee Break, Poster Viewing, Exhibition***



Parallel Sessions

15:10-16:10 **Poster Talk Session I**
Chair: Inkeri Lokki (FI)

& Poster Viewing with Authors

Floor 2 (Aula Medica)

15:10-15:55 **Sponsored Symposium - see page 14**
Boehringer Ingelheim (Platinum Sponsor)

Auditorium (Aula Medica)

Session 4 Translational Medicine & data-driven clinical Applications in ILDs

Chairs: Apostolos Bossios (SE) & David Perlman (USA)

- 16:10-16:20** **Welcome and introduction**
Natalia Rivera (SE) on behalf of Martin Petrek (CZ)
- 16:20-16:35** **How can UK Biobank data impact IPF clinical management?**
Anna Duckworth (UK)
- 16:25-16:40** **Challenges in ILD Prediction with or without "Big Data"**
Tasha Fingerlin (USA)
- 16:40-16:55** **5118-A-2326 -INCORPORATION OF THE MUC5B RS35705950 GENOTYPE IN THE IPF GAP MODEL**
Joanne Van Der Vis (NL)
- 16:55-17:15** **Panel Discussion**
All session faculty
- 17:15-17:25** **Summary and close**
Dan Culver (USA) on behalf of Paolo Spagnolo (IT)



Poster Moderated Session I

Chairs: David Birnie (CA) & Inkeri Lokki (FI)

- 17:25-17:35** 4756-A-2326 - ELDERLY IDIOPATHIC PULMONARY FIBROSIS PATIENTS REMAIN ON THERAPY DESPITE HIGHER INCIDENCE OF ADVERSE EVENTS AND DOSE REDUCTIONS
Aykut Cilli (TR)
- 17:35-17:45** 4967-A-2326 - SCAR SARCOIDOSIS: CLINICAL FEATURES AND PROGNOSTIC SIGNIFICANCE
Juan Mañá (ES)
- 17:45-17:55** 5147-A-2326 - COMPARISON OF METAL-EXPOSED PATIENTS WITH SARCOIDOSIS AND CHRONIC BERYLLIUM DISEASE DISTINGUISHED BY BERYLLIUM LPT
Louis Jouanjan (DE)
- 17:55-18:05** 5145-A-2326 - RADIOMIC PROFILING OF LUNG CT IN A COHORT OF SARCOIDOSIS CASES
Nichole Carlson (USA)

19:00-23:00

WELCOME RECEPTION

at the VASA museum

Opening Plenary

Daniel Culver (USA)

Recipient of Lifetime Science Achievement Award

Johan Grunewald (SE)

Introduction to the Inaugural D. Geraint James Lecture

Elyse Lower (USA)

Recipient of the Inaugural D. Geraint James Award

“The sarcoidosis saga: what insights from the past will guide us in the Future”

Robert Baughman (USA)



TUESDAY 20 June 2023

Session 5 Precision Medicine in the digital health era in ILDs

Chairs: Lisa Maier (USA) & Helder Bastos (PT)

- 08:00-08:10** **Welcome and introduction**
Bruno Crestani (FR)
- 08:10-08:25** **Beyond Treatment: Preventing Progressive Pulmonary Fibrosis**
Jonathan Kropski (USA)
- 08:25-08:40** **Using Multi-omics to Define Regulators of Granulomatous Inflammation in Sarcoidosis**
Ivana Yang (USA)
- 08:40-08:55** **Deciphering sarcoidosis using single-cell and spatial transcriptomics**
Jonas Schupp (USA)
- 08:55-09:10** **Macrophages and Granuloma Formation in Sarcoidosis**
Thomas Weichhart (AT)
- 09:10-09:25** **Defining the molecular natural history of early and progressive pulmonary fibrosis using spatial transcriptomics**
Nicholas Banovich (USA)
- 09:25-09:45** **Panel Discussion**
All session faculty
- 09:45-09:55** **Summary and close**
Georg Stary (AT)
- 09:55-10:15** *Coffee Break, Poster Viewing, Exhibition*

Session 6 Multiomics for diagnostics in ILDs

Chairs: Michelle Terwiel (NL) & Francesco Bonella (DE)

- 10:15-10:25** **Welcome and introduction**
Miriana d'Alessandro (IT)
- 10:25-10:40** **Leveraging Proteomics to Understand Sarcoidosis Subtypes**
Maneesh Bhargava (USA)
- 10:40-10:55** **Understanding the microbiome in interstitial lung disease**
David O'Dwyer (USA)
- 10:55-11:10** **Molecular architecture of human sarcoidal granulomas**
Georg Stary (AT)



11:10-11:30 **Panel Discussion**
All session faculty

11:30-11:40 **Summary and close**
David Perlman (USA)

Industry - Sponsored Lectures - see page 14

11:40-11:55 **Sponsored Lecture - Xentria (Gold sponsor)**

11:55-12:10 **Sponsored Lecture - aTyr Pharma (Gold sponsor)**

12:10-12:20 **Sponsored Lecture - Kinevant (Silver sponsor)**

12:20-13:20 ***Lunch Break***

Session 7 Immunological Approaches and Methods in ILDs, I

Chairs: Andrew Fontenot (USA) & Anna Smed Sörensen (SE)

13:20-13:30 **Welcome and introduction**
Eva Carmona Porquera (USA)

13:30-13:45 **The use of ex vivo human granuloma model to assist in the design of clinical trials for sarcoidosis**
Eliot Crouser (USA)

13:45-14:00 **Model systems to elucidate humoral innate immunity during granuloma formation in sarcoidosis**
Agostinho Carvalho (PT)

14:00-14:15 **Three-dimensional biochip pulmonary sarcoidosis model**
Mehdi Misraedi (USA)

14:15-14:35 **Panel Discussion**
All session faculty

14:35-14:45 **Summary and close**
Thomas Weichhart (AT)

14:45-15:05 ***Coffee Break, Poster Viewing, Exhibition***



Parallel Sessions

15:05-16:05 **Poster Talk Session II**
Chair: Elizabeth Arkema (SE)

& Poster Viewing with Authors
Floor 2 (Aula Medica)

15:05-16:05 **Patient Education Session**
- see page 15
Chairs: David Birnie (CA) & Susanna Kullberg (SE)

Auditorium (Aula Medica)

The effects of yogurt, milk, and vitamin D and relationship with hypercalcemia after sarcoidosis diagnosis

15:05
Joana Werner (SE)

The guidelines for treatment made easy

15:20
Francesco Bonella (DE)

The Power of Patients in Advancing Research, Awareness, and Support

15:35
Mary McGowan, FSR CEO (USA)

Poster Moderated Session II

Chairs: Marcel Veltkamp (NL) & Irina Strambu (RM)

16:05-16:15 5124-A-2326 - MONOCYTE/MACROPHAGE AXIS AS POTENTIAL DRIVER OF PROGRESSIVE FIBROSING HYPERSENSITIVITY PNEUMONITIS
Helder Bastos (PT)

16:15-16:25 5249-A-2326 - AN ARTIFICIAL INTELLIGENCE TOOL TO DETECT PULMONARY SARCOIDOSIS IN CHEST CT
Marc Judson (USA)

16:25-16:35 5133-A-2326 - BEYOND IMAGING AND HISTOLOGICAL EVALUATION IN FIBROTIC LUNG DISEASE
Eva Carmona (USA)

16:35-16:45 5116-A-2326 - SERUM EXTRACELLULAR VESICLE PROTEINS ARE ASSOCIATED WITH RESPONSE TO TREATMENT IN SARCOIDOSIS PATIENTS
Raisa Kraaijvanger (NL)

16:45-16:55 5119-A-2326 - THE ASSOCIATION BETWEEN METHOTREXATE POLYGLUTAMATE CONCENTRATIONS IN RED BLOOD CELLS AND EFFECTIVENESS OF THERAPY IN SARCOIDOSIS, A RETROSPECTIVE COHORT STUDY
Montse Janssen Bonás (NL)

18:00-23:00 **Swedish Midsummer Fest**
at Skansen



WEDNESDAY 21 June 20

Session 8 Immunological Approaches and Methods in ILDs, II

Chairs: Maneesh Bhargava (USA) & Wonder Drake (USA)

- 08:00-08:10** **Welcome and introduction**
Marcel Veltkamp (NL)
- 08:10-08:25** **Circulating T cells in sarcoidosis**
Jelle Miedema (NL)
- 08:25-08:40** **Monocytes and dendritic cells as drivers of inflammation and predictors of disease outcome in sarcoidosis**
Anna Smed Sörensen (SE)
- 08:40-08:55** 5072-A-2326 - THE BRONCHOSCOPY AT INITIAL SARCOIDOSIS DIAGNOSIS TARGETING LONGITUDINAL ENDPOINTS (BRITE) STUDY TO PROFILE BLOOD AND LUNG T-CELL IMMUNOPHENOTYPES AND GENE EXPRESSION IN PULMONARY DISEASE
Sonia Leach (USA)
- 08:55-09:10** **Implication of (auto-)antibodies in IPF**
Thomas Planté-Bordeneuve (BE)
- 09:10-09:30** **Panel Discussion**
All session faculty
- 09:30-09:40** **Summary and close**
Andrew Fontenot (USA)
- 09:40-10:00** *Coffee Break, Poster Viewing, Exhibition*

Session 9 New Approaches for Quality of Life, patient care, and palliative care in ILDs

Chairs: Hilario Nunes (FR) & Azuma Arata (JP)

- 10:00-10:10** **Welcome and introduction**
Francesco Bonella (DE)
- 10:10-10:25** 5138-A-2326: QUALITY OF LIFE IN CUTANEOUS SARCOIDOSIS PATIENTS – A SURVEY STUDY OF A NATIONAL REGISTRY
Misha Rosenbach (USA)
- 10:25-10:40** **Management of fatigue in sarcoidosis**
Vivienne Kahlmann (NL)



- 10:40-10:55** **The use of 21st century tools to manage health-related quality of life in sarcoidosis patients**
Marc Judson (USA)
- 10:55-11:10** **Monitoring health in ILD/IPF**
Adriane Vorselaars (NL)
- 11:10-11:25** 5123-A-2326 - EVALUATING THE USE OF HOME SPIROMETRY IN REGULAR CARE IN PATIENTS WITH PULMONARY FIBROSIS
Gizal Nakshbandi (NL)
- 11:25-11:45** **Quality of Life approaches in IPF**
Athol Wells (UK)
- 11:40-12:00** **Panel Discussion**
All session faculty
- 12:00-12:10** **Summary and close**
Daniel Culver (USA)
- 12:10-12:20** *Health Promotion Activity*
Anders Wiberg (SE)
- 12:20-13:20** *Lunch Break*

Poster Moderated Session III

Chairs: Rémy LM Mostard (NL) & Jacobo Sellares (ES)

- 13:20-13:30** 5003-A-2326 - EFFECTS OF NINTEDANIB ON CIRCULATING BIOMARKERS IN PATIENTS WITH PROGRESSIVE PULMONARY FIBROSIS: SUBGROUP ANALYSES OF THE INBUILD TRIAL
Toby M. Maher (USA)
- 13:30-13:40** 5066-A-2326 – ASSOCIATION OF CIRCULATING METABOLITES WITH DISEASE SEVERITY AND MORTALITY IN PATIENTS WITH IDIOPATHIC PULMONARY FIBROSIS (IPF): DATA FROM THE IPF-PRO REGISTRY
Ross Summer (USA)
- 13:40-13:50** 5078-A-2326 CHARACTERISTICS ASSOCIATED WITH RESPONSE TO ONLINE MINDFULNESS-BASED COGNITIVE THERAPY FOR FATIGUE IN PATIENTS WITH SARCOIDOSIS – POST HOC ANALYSIS OF A RANDOMIZED CONTROLLED TRIAL
Vivienne Kahlmann (NL)
- 13:50-14:00** 5113-A-2326 - THE IMPACT OF CARDIAC SARCOIDOSIS ON HEALTH-RELATED QUALITY OF LIFE: A SYSTEMATIC REVIEW
Juan Carlos Quijano-Campos (UK)



Session 10 Current clinical challenges in Diagnosis and patient management in ILDs

Chairs: Athol Wells (UK) & Dominique Israël-Biet (FR)

- 14:00-14:15** **Welcome and introduction**
Hilario Nunes (FR)
- 14:15-14:30** **State of biomarkers in fibrotic ILD: when will they be ready for prime-time?**
Antje Prasse (DE)
- 14:30-14:45** **Molecular biology vs. clinical reasoning for diagnosis in ILDs**
Bruno Crestani (FR)
- 14:45-15:00** *Coffee Break*
- 15:00-15:15** **Clinical implications of sarcoidosis pathogenesis: tools for diagnosis, prognosis, and therapeutics**
Jan Grutters (NL)
- 15:15-15:30** **The oncologic model as a paradigm for the treatment of fibrotic lung disease: is it a good fit?**
Katerina Antoniou (GR)
- 15:30-15:45** **Panel Discussion**
All session faculty
- 15:45-16:00** **Summary and close**
Rémy LM Mostard (NL)
- 16:00-16:30** **Poster Awards**
Natalia Rivera (SE) & Poster Judges
- 16:30-16:45** **CONCLUSION REMARKS**
Athol Wells (UK)
- 18:00-23:00** **Cocktail Party**
at Nobel Museum



SPONSORED SESSIONS

Monday, June 19

Auditorium (Aula Medica)

Sponsored Symposium - Boehringer Ingelheim (Platinum Sponsor) **Progressive Pulmonary Fibrosis: From Concept to Clinical Practice**

- 15:10-15:15 **Welcome and introduction**
Anna-Maria Hoffmann-Vold (NO)
- 15:15-15:30 **What is progressive pulmonary fibrosis (PPF)?**
Francesco Bonella (DE)
- 15:30-15:45 **How should patients with PPF be monitored and managed?**
Anna-Maria Hoffmann-Vold (NO)
- 15:45-15:55 **Q&A**

Tuesday, June 20

Auditorium (Aula Medica)

- 11:40-11:55 **Sponsored Lecture - Xentria (Gold Sponsor)**
XTMAB-16 Clinical Trial in Sarcoidosis: an anti-TNF investigational new drug & its biosimulation model
Robert Baughman (USA), Elliott Crouser (USA)
- 11:55-12:10 **Sponsored Lecture - aTyr Pharma (Gold Sponsor)**
Efzofitmod: A New Myeloid-cell Focused Mechanism to Downregulate Inflammatory Responses in Pulmonary Sarcoidosis
Leslie Nangle (USA)
- 12:10-12:20 **Sponsored Lecture - Kinevant Sciences, Inc. (Silver Sponsor)**
The role of GM-CSF in sarcoidosis pathogenesis: a new target for treatment
Jonas Schupp (USA)



WASOG



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PATIENT EDUCATION SESSION

Tuesday, June 20

Auditorium (Aula Medica)

Patient Education Session

Chairs: David Birnie (CA) & Susanna Kullberg (SE)

- | | |
|-------------|--|
| 15:05-15:20 | The effects of yogurt, milk, and vitamin D and relationship with hypercalcemia after sarcoidosis diagnosis
Joana Werner (SE) |
| 15:20-15:35 | The guidelines for treatment made easy
Francesco Bonella (DE) |
| 15:35-15:50 | The Power of Patients in Advancing Research, Awareness, and Support
Mary McGowan, FSR CEO (USA) |