

The 18<sup>th</sup> Annual  
**Sickle Cell &  
Thalassaemia  
Conference**

IMPROVING THE LIVES OF PEOPLE LIVING WITH SICKLE CELL DISEASE & THALASSAEMIA



**25-28  
OCTOBER** | **County Hall  
Belvedere Road  
London SE1 7PB**

# Day 01

## 26TH OCTOBER 2023

### Welcome To ASCAT

**08.00 – 09.00**

#### **MEET THE EXPERT – SESSIONS WITH BREAKFAST**

From new therapeutic approaches to improving the standard of care for sickle cell disease patients – *Dimitris Tsitsikas & John James*

The Lancet Group & What Makes For a Good Paper – *Lan-Lan Smith*

Strategies For Writing Grant Proposals that Enhance Participant/Community Involvement – *Lori Crosby*

Determinants of Severity in Sickle Cell Disease – *David Rees*

Managing Thalassaemia in Old Age – *Maria Capellini*

**09.00 – 10.35**

#### **SESSION ONE: Chairs: Baba Inusa and Stella Chou**

##### **Overview of Sickle Cell Disease and Thalassaemia**

Welcome to ASCAT 2023: Day One (5 mins)

Sickle Cell Disease: An Update (15 mins)

Thalassaemia Overview (15 mins)

Questions & Answers (10 mins)

Genetically Matched Red Cells to Improve Transfusion Therapy (15 mins)

Blood Transfusion: African Setting (15 mins)

Abstract Presentation: The Sickle Cell and Thalassaemia Blood Group Genotyping Programme And The Development of A Novel Blood Group Genotyping Array (10 mins)

Session Discussion, Questions & Answers (10 mins)

*Baba Inusa, Raffaella Colombatti, Ali Taher, Stella Chou, Saliou Diop and Sara Trompeter*

**10.35 – 10.55**

#### **COMFORT BREAK**

**10.55 – 12.10**

#### **SESSION TWO: Chair: Mariane De Montalembert**

##### **Pathobiology of Sickle Cell Disease & Thalassaemia**

Novel Integrative Interventions Targeting Mechanisms of Pain with Translational Potential (15 mins)

Proposed Biomarkers of Acute Pain in Sickle Cell Disease Derived from Longitudinal Transcriptomics (15 mins)

Pain in Thalassaemia (15 mins)

Abstract Presentation: Use of Machine Learning to Predict 30-Day Reutilization of Care for Patients With Sickle Cell Disease Treated for Vaso-Occlusive Crisis (10 mins)

Session Discussion, Questions & Answers (15 mins)

*Kalpna Gupta, Vivien Sheehan, Perla Eleftheriou and Caroline Vuong*



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 Continued

**12.10 – 13.20**  
**NETWORKING LUNCH**

**13.20 – 15.20**

**SESSION THREE:** Chair: **Marsha Treadwell**

**Psychological and Counselling Sessions**

Electronic Monitoring for Medication Adherence (15 mins)

Adverse Childhood Experiences & Sickle Cell Disease Implementation Consortium Updates (15 mins)

PhenX Sickle Cell Disease Psychological and Social Determinants of Health Protocols (15 mins)

Discussion, Questions & Answers (10 mins)

Break

Stigmatizing Narratives of Sickle Cell Disease in Three African Countries (15 mins)

Learning to code as a Cognitive Rehabilitation Tool in Sickle Cell Disease (15 mins)

Abstract Presentation: Impact Of A Peer-To-Peer Round Table Pilot Educational Program For Healthcare Professionals in Rural Ghana To Upscale Their Knowledge In The Management Of Sickle Cell Disease (10 mins)

Discussion, Questions & Answers (10 mins)

*Jerlym Porter, Lori Crosby, Nchangwi Munung, Barbara Arfe and Charmaine Anthony*

**15.20 – 15.40**

**COMFORT BREAK**

**15.40 – 16.40**

**SESSION FOUR:** Chairs: **ERN EuroBloodNet and SCD Lancet Commission**

**Patients Plenary Forum**

EuroBloodNet: How to Improve the Outcomes in Sickle Cell Disease from Patients Perspective  
*Patient Representatives, Lan-Lan Smith, David-Zacharie Issom and Mariangela Pellegrini*

**16.40 – 17.00**

**SESSION FIVE:** Chair: **Kimberly Davis**

**Patients Plenary Forum continued**

Youth Management

*Jane Chudleigh*