

PROGRAMME DIRECTORS

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THE 9TH SICKLE CELL IN FOCUS CONFERENCE

LONDON, 15 - 16 JUNE 2015

THE LIGHT @ EUSTON

FRIENDS HOUSE

173-177 EUSTON ROAD

LONDON, NW1 2BJ

www.ststn.co.uk/scif2015



A TWO-DAY, INTENSIVE EDUCATIONAL
CONFERENCE ON CURRENT AND
EMERGING CLINICAL COMPLICATIONS AND
MANAGEMENT OF SICKLE CELL DISEASE



PLUS, SESSIONS ON DRUG
DEVELOPMENT, CLINICAL
TRIALS & NEW GENETICS



FOR CONSULTANTS, TRAINEE DOCTORS,
HEALTH PROFESSIONALS INVOLVED
IN THE CARE OF PATIENTS WITH THE
DISEASE, AND ACADEMIC RESEARCHERS
IN THIS FIELD.

08:30am **REGISTRATION**
Foyer - Please sign in and collect your delegate pack

SESSION ONE

09:00am **WELCOME**

09:10am **SICKLE CELL DISEASE: A GLOBAL HEALTH ISSUE**
Kwaku Ohene-Frempong, *Children's Hospital of Philadelphia / University of Pennsylvania*

09:40am **SCD: EVOLUTION OF THE DISEASE – WHERE ARE WE NOW?**
Swee Lay Thein, *King's College London / King's College Hospital NHS Foundation Trust, UK*

10:10am **HOW I TREAT: CEREBROVASCULAR DISEASE**
- Paediatrics
David Rees, *King's College London / King's College Hospital NHS Foundation Trust, UK*
- Adults
Paul Holmes, *Guy's & St. Thomas' NHS Foundation Trust, UK*

11:00am *BREAK*

SESSION TWO

11:30am **DRUG DEVELOPMENT AND CLINICAL TRIALS (PART I):**
- Insights into Pathophysiology and therapeutic targets
Bart Biemond, *Academic Medical Center, University of Amsterdam, Netherlands*

- Drug development for a complex disease
Susan Perrine, *Howard's University Hospital, Washington DC, USA*

12:30pm *LUNCH*



SESSION THREE

1:30pm

HOW I TREAT:

- Avascular necrosis

Marcus Bankes, *Guy's & St. Thomas' NHS Foundation Trust, UK*

- Sickle hepatopathy

Abid Suddle, *King's College Hospital NHS Foundation Trust, UK*

- Reproductive Issues in SCD

Andra James, *Duke University, USA*

3:00pm

BREAK

SESSION FOUR

3:30pm

DEBATE:

ALL PATIENTS WITH SICKLE CELL DISEASE SHOULD BE ON HYDROXYUREA THERAPY

- Yes: Russell Ware, *Cincinnati Children's Hospital, USA*

- No: Miguel Abboud, *American University of Beirut Medical Center, Lebanon*

5:00pm

Day one close

08:30am **REGISTRATION**
Foyer - Please sign in again to ensure you receive your full CME credits

SESSION ONE

09:00am **WELCOME**

09:10am **DRUG DEVELOPMENT AND CLINICAL TRIALS (PART II)**

- Targeting HbS polymerisation

Yogan Saunthararaja, *Cleveland Clinic, USA*

- Targeting cell adhesion/ vaso-occlusion/vasculopathy

Deepa Manwani, *The Children's Hospital at Montefiore, New York, USA*

10:10am **HOW I TREAT:**

Transfusion reactions

Alek Mijovic, *King's College Hospital NHS Foundation Trust, UK*

10:35am *BREAK*

SESSION TWO

11:05pm **HOW I TREAT:**

- Iron overload

John Porter, *University College London, UK*

- Sickle pain

i) New concepts

Jim Taylor, *National Heart, Lung and Blood Institute, National Institutes of Health, USA*

ii) Management

Samir Ballas, *Thomas Jefferson University, USA*

12:20pm *LUNCH*



SESSION THREE

- 1:20pm **REVISITING HAEMOLYSIS IN SICKLE CELL DISEASE**
- A role for haemolysis in the pathophysiology and clinical manifestations of sickle cell disease
Alan Schechter, *National Institute of Diabetes and Digestive and Kidney Diseases / National Institutes of Health, USA*
- Cell Free Haemoglobin and its scavenger proteins:
Dominik J. Schaer, *University of Zurich, Switzerland*
- Targeting the anaemia and dealing with the effects of the haemolysis
Lucia de Franceschi, *Università degli studi di Verona, Italy*

2:35pm *BREAK*

SESSION FOUR

- 3:00pm **SICKLE CELL DISEASE: ATTEMPTING A CURE**
- Bone marrow transplant – who, when and how?**
Josu de la Fuente, *Imperial College London, UK*
- New genetics to the rescue:**
- i) Gene therapy
John Tisdale, *National Heart, Lung and Blood Institute, National Institutes of Health, USA*
- ii) Genome editing for disease correction
Stefano Rivella (*Weill Cornell Medical College, New York, USA*)
- iii) When all fails, prevention is better than disease limitation
Barnaby Clark *King's College London / King's College Hospital NHS Foundation Trust, UK*
- 5:00pm Close of conference

VENUE INFORMATION

Located directly opposite London's Euston Station, The Light offers stunning contemporary facilities in a easily accessible location.

We hope you will enjoy this fantastic, new London location for Sickle Cell in Focus!



CONTACTS

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HOW TO REGISTER:

ONLINE BOOKING WILL BE AVAILABLE SOON!