



King's College London Denmark Hill campus, London SE5 9RJ

SICKLE CELL IN FOCUS 2012

24 - 25 May 2012

Sickle Cell in Focus (SCiF) is an annual, two-day, intensive educational conference held to highlight and discuss emerging clinical complications and management of sickle cell disease.

The clinical and scientific lectures are aimed at consultants, trainee doctors and other healthcare professionals involved in the care of patients with the disease and academic researchers interested in red cell disorders. It attracts local, national and international guest speakers and delegates.

EHA-CME ACCREDITED: 13 CME POINTS

Programme Director:
Swee Lay Thein

*Professor of Molecular Haematology, King's College London
Consultant Haematologist, King's College Hospital NHS Foundation Trust*

Register online via King's College London eStore: <http://tiny.cc/scif2012>

PROGRAMME

Thursday 24 May 2012

All lectures held in the Gainsford Lecture Hall, Weston Education Centre

- 08:15 - 08:45 Registration, *James Black Centre foyer, King's College London Denmark Hill Campus*
Please register your attendance. Refreshments will be served
- 08:50 – 09:00 Welcome from Michael Parker, President, Sickle Cell Society
- SESSION 1** **CHAIR: SWEE LAY THEIN - SICKLE CELL DISEASE: A GLOBAL PERSPECTIVE**
- 09:00 – 09:30 **Keeping patients well: a global view**
Kwaku Ohene-Frempong, *The Children's Hospital of Philadelphia, USA*
- 09:30 – 10:00 **The many faces of sickle cell disease**
Miguel Abboud, *American University of Beirut Medical Center, Lebanon*
- 10:00 – 10:30 **Transition: a vulnerable time**
Marianne De Montalembert *Necker-Enfants Malades Hospital, France*
- 10:30 – 11:00 *Mid-morning break (James Black Centre foyer)*
- SESSION 2** **CHAIR: SUSAN P. PERRINE - SICKLE CELL: BOTH A QUALITATIVE AND A QUANTITATIVE TRAIT**
- 11:00 – 11:25 **HbAS with sickle complications: a diagnostic challenge**
Swee Lay Thein *King's College London / King's College Hospital, UK*
- 11:25 – 11:50 **Sickle cell trait and renal complications**
Claire Sharpe *King's College London / King's College Hospital, UK*
- 11:50 – 12:15 **Limitations of HbF as a phenotype modifier**
Adekunle Adekile *Kuwait University, Kuwait*
- SESSION 3** **CHAIR: MIGUEL ABBOUD - COMPLICATIONS AND MANAGEMENT ISSUES**
- 12:15 – 12:40 **Heart and pulmonary vasculature in sickle cell disease**
Gerry Coghlan *Royal Free Hospital, UK*
- 12:40 – 14:00 *Extended buffet lunch (James Black Centre foyer)*
- SESSION 3 CONTINUED**
- 14:00 - 14:30 **Stroke prevention: 20 years on**
Robert Adams *MUSC Stroke Center, USA*
- 14:30 - 15:00 **Extracranial causes of stroke in sickle cell disease**
David Rees *King's College London / King's College Hospital, UK*
- 15:00 - 15:30 **Cognition in sickle cell disease**
Fenella Kirkham *UCL Institute of Child Health/ Southampton University Hospital, UK*
- 15:30 - 16:00 *Afternoon break (James Black Centre foyer)*
- SESSION 4** **CHAIR: BABA INUSA - COMPLICATIONS AND MANAGEMENT ISSUES**
- 16:00 – 16:30 **Managing pregnancy in sickle cell disease**
Jo Howard *Guys and St Thomas' Hospital, UK*
- 16:30 – 17:00 **Update on blood transfusion in sickle cell disease**
Aleks Mijovic *King's College Hospital, UK*
- 17:00 – 17:30 **Sexual dysfunction, fertility issues and priapism in sickle cell disease**
Nick Watkin *St. George's Hospital, UK*
- 17:30 **DAY ONE CLOSE**

PROGRAMME

Friday 25 May 2012

All lectures held in the Gainsford Lecture Hall, Weston Education Centre

- 08:15-08:45 Registration, *James Black Centre foyer, King's College London Denmark Hill Campus*
Please register your attendance. Refreshments will be served
- 08:50 – 09:00 Welcome from Alan McGregor, Campus Dean, King's Denmark Hill campus
- SESSION 1** **CHAIR: TULLIE YEGHEN - COMPLICATIONS AND MANAGEMENT ISSUES**
- 09:00 – 09:30 **Case study: Pregnancy - treading a fine haemoglobin balance**
Emma Drasar *King's College London / King's College Hospital*
- 09:30 – 10:05 **The many faces of sickle cell pain**
Samir Ballas *Thomas Jefferson University, USA*
- 10:05 – 10:35 **Bone and joint complications**
Marcus Bankes *Guys and St Thomas' Hospital, UK*
- 10:35 – 11:05 **Iron overload**
John Porter *University College London, UK*
- 11:05 – 11:35 *Mid-morning break (James Black Centre foyer)*
- SESSION 2** **CHAIR: JOHN F. TISDALE - THE HAEMOLYSIS PARADIGM IN SICKLE CELL DISEASE**
- 11:35 – 12:05 **Hemolytic anemia as a mechanism for vasculopathy and pulmonary hypertension in sickle cell disease**
Mark Gladwin *University of Pittsburgh Medical Center, USA*
- 12:05 – 12:35 **The hyper-hemolysis paradigm from the perspectives of systems biology and evidence based medicine**
Robert Hebbel *University of Minnesota, USA*
- 12:35 – 12:55 Discussion
- 12:55 – 13:55 *Buffet lunch (James Black Centre foyer)*
- SESSION 3** **CHAIR: DAVID REES - EVOLVING CONCEPTS AND EMERGING THERAPIES**
- 13:55 – 14:25 **Novel aspects of imaging in sickle cell disease**
John Wood *Children's Hospital Los Angeles, USA*
- 14:25 – 14:55 **Inflammation and endothelial cell activation as therapeutic targets in sickle cell disease**
Fernando Costa *Unicamp, Brazil*
- 14:55 – 15:25 **HbF reactivation: a pipeline for epigenetic and targeted therapeutics**
Susan Perrine *Boston University School of Medicine, USA*
- 15:25 – 15:55 **Sickle cell disease: lessons learned from clinical trials**
Abdullah Kutlar *Medical College of Georgia, USA*
- 15:55 – 16:25 *Afternoon break (James Black Centre foyer)*
- SESSION 4** **CHAIR: TONY PAGLIUCA- BONE MARROW TRANSPLANT**
- 16:25 – 16:55 **Bone marrow transplant in children**
Josu de la Fuente *Imperial College London, UK*
- 16:55 – 17:25 **Non-myeloablative allogeneic hematopoietic stem cell transplantation (allo-HSCT) for patient with severe sickle cell disease**
John F. Tisdale *National Institutes of Health, USA*
- 17:25 **CONFERENCE CLOSE**

HOW TO REGISTER:

Online registration at the King's College London eStore: <http://tiny.cc/scif2012>

REGISTRATION FEES:

Both days

Industry rate: £350

Non-industry/Consultant Rate: £175

Trainee/Student/Non-Consultant Rate: £150

One day

Industry rate: £200

Non-industry/Consultant Rate: £125

Trainee/Student/Non-Consultant Rate: £100

REGISTRATION CLOSES ON 21 MAY 2012

HOW TO GET HERE:

King's College London's Denmark Hill campus is located in south east London, approximately 11 minutes by overground train from London Victoria or London Bridge to Denmark Hill station. Loughborough Junction station on Coldharbour Lane is also a 10 minute walk.

The nearest tube station is Brixton and there are many buses that serve the area.

All lectures take place in the Gainsford Lecture Hall, Weston Education Centre, Cutcombe Road, London SE5 9RJ

Registration and all breaks will be held in the James Black Centre foyer next door.

Useful sites to plan your journey:

www.kcl.ac.uk/campuslife/campuses/denmarkhill

www.nationalrail.co.uk

www.tfl.gov.uk

