SCFA
Sickle Cell Foundation of Alberta
education | awareness | support

(RE)IMAGINING HEALTH

Sickle Cell Anemia & Thalassaemia:
An International Biomedical-Sociocultural Conference.

Don't forget to join us for our Awards ceremony and reception from 4:30pm on Friday the 16th of November as we recognize those who have made dedicated contributions to finding a cure for Sickle Cell Anemia & Thalassaemia.

SCFA
Sickle Cell Foundation of Alberta
education | awareness | support

(RE)IMAGINING HEALTH

Sickle Cell Anemia & Thalassaemia:
An International Biomedical-Sociocultural Conference.

Conference Learning Objectives:

- Educate patients and family members about Sickle Cell Disease and new treatments available
- Summarize the latest research on the sickle cell trait and Sickle Cell Disease
- Describe the role that patients who have Sickle Cell Anemia and community members play in finding a cure for Sickle Cell Anemia
- Realize the importance of inter-professional collaboration for research into Sickle Cell Disease in Alberta, and the dissemination of this knowledge

Session Locations:

- All plenary sessions with be held in room 2-150 on the Second floor of the Edmonton Clinic Health Academy, ECHA.
- Concurrent sessions will be held in rooms 2-150 and 2-140, as labeled.
- Lunch and breaks will be served in the foyer.

Friday November 16, 2018

8:15am - 8:45am Registration

8:45am - 9:00am Opening Remarks

Opening remarks, prayers and blessing to be made by Venerable Travis Enright

9:00am - 9:45am **Identifying Severe Sickle Cell Early in Life** — *Dr. Emily Riehm Meier*

1. Review definitions of sickle cell severity
2. Examine prediction models for sickle cell anemia severity
3. Discuss how prediction models could be used when making treatment decisions

9:45am - 10:15am Break

10:15am - 12:00pm **Matched Sibling Donor Hematopoietic Cell Transplantation for Sickle Cell Disease- Past, Present, and Future** — *Dr. Greg Guilcher*

1. Identify basic principles of HCT, specifically as applied to sickle cell disease using a matched sibling donor
2. Describe important measures of safety and success, including engraftment of donor blood cells and graft-versus-host disease
3. Outline current and future directions of the practice of sibling donor HCT, including timing/eligibility efficacy, safety, and access (North American and globally)

Stem Cell Transplantation to Cure Adults with Sickle Cell Disease — *Dr. Santosh Saraf*

1. Comprehend the process of donor selection and stem cell collection.
2. Identify the current indications for HLA-matched and haploidentical stem cell transplantation in patients with sickle cell disease.
3. Recognize the potential risks and benefits of stem cell transplantation in patients with sickle cell disease

12:00pm - 1:00pm Lunch

1:00pm - 1:45pm **Bone Biomechanics and Pathology in Sickle Cell Disease** — *Dr. Gilda Barabino*

1. Recognize abnormities in bone biomechanics.
2. Identify the role abnormal bone biomechanics play in sickle cell disease pathophysiology.

1:45pm - 2:00pm Break

2:00pm - 2:45pm Concurrent Sessions

Blood Soup and Learning through Play: Development of an Educational Curriculum for a Sickle Cell Summer Camp — *Carrie Starnes*

Room 2-140

1. Identify 4 key components of an education program for children with sickle cell disease in a traditional summer camp environment.
2. Describe the value of non-pharmacological coping techniques and impact of age appropriate education in relation to pain and anxiety in children with Sickle Cell disease

Taking Root, Branching Out: Growth of a Sickle Cell Disease Transition Program — *Sarah Hall*

Room 2-150

1. Recognize the contribution formal transition programs can make in improving adherence and decreasing morbidity in adolescents and young adults with sickle cell disease
2. Review the benefits of incorporating knowledge assessments and individual achievements into the structure of a sickle cell disease transition program
3. Identify the advantage of early introduction to an adult hematology team in the promotion of healthcare autonomy

2:45pm - 3:00pm	Break	
3:00pm - 3:45pm	**Determinants of Blood and Tissue Donation Among the Non-White Population**	*Dr. Jean Walrond* *Dr. John Jayachandran*

1. Identify the areas in which current research is being developed by the medical community and stakeholders
2. Explain the importance of social community awareness in the development of treatment and cure of sickle cell anemia through blood and tissue donation
3. Describe the importance of blood and tissue donation from diverse donors in treating Sickle Cell Anemia and Thalassemia

3:45pm - 4:30pm	**An Update of Hematopoietic Stem Cell Transplantation for Patients with Sickle Cell Disease**	*Research by Dr. Courtney Fitzhugh* *Presented by Dr. Santosh Saraf*

1. Review indications for transplant in patients with sickle cell disease
2. Discuss HLA-matched sibling transplantation as a curative option for patients with sickle cell disease
3. Assess alternative donor transplant approaches for patients with sickle cell disease

4:30pm - 4:45pm	Closing Remarks	

Saturday November 17, 2018

8:45am - 9:15am	Registration	
9:15am - 9:30am	Opening Remarks	
9:30am - 10:15am	**Race, Wellbeing and the Healthcare of African Canadians**	*Dr. Carl James*

1. Recognize the significance of race and its interlocking relationship with other identity factors in individuals' lives
2. Identify that equitable access to healthcare and a healthy life is reliant upon the collection of race data
3. Identify the impact of anti-Black racism as a determinant of health

10:15am - 10:45am	Break	
10:45am - 12:00pm	**A Patients Perspective on Treatment Options for Sickle Cell Anemia**	*Revee Agyepong* *Ufuoma Muwhen* *Valissa Providence* *Maya Daniels* *Maria McGrath*

1. Distinguish different treatment options for patients with Sickle Cell Anemia
2. Recognize how the experiences of those being treated for Sickle Cell Anemia may differ
3. Identify the benefits and downsides of different treatment options available for patients of Sickle Cell Anemia

12:00pm - 1:00pm	Lunch	
1:00pm - 1:45pm	**Moving Forward: Transitions and Quality of Life in Sickle Cell Disease The MATCH clinic**	*Dr. Aisha Bruce* *Dr. Lauren Bolster*

1. Identify barriers to success in transitions from pediatrics to adult care.
2. Recognise strategies for this transition utilized in the Northern Alberta Hemoglobinopathy program.
3. Summarise the findings of the MATCH program.

1:45pm - 2:00pm	Break	
2:00pm - 2:45pm	**Treatment for SCD: Bridging the Gap between Efficacy and Effectiveness**	*Dr. Isaac Odame*

1. Summarize the current efficacious treatments for sickle cell disease
2. Identify the key barriers to implementing these efficacious treatments
3. Recognize the health system changes needed to optimize treatment outcomes for sickle cell disease

2:45pm - 3:15pm	Break	
3:15pm - 4:00pm	**The Anatomy of a Warrior and the Power of the Patient Voice**	*Dr. Lakiea Bailey*

1. Identify the role of sickle cell disease in shaping current research trends
2. Recognize how sickle cell disease was at the center of multiple major scientific breakthroughs
3. Describe the role of the patient in defining research objectives

4:00pm - 4:15pm	Closing Remarks	

This Group Learning program has been certified by the College of Family Physicians of Canada and the Alberta Chapter for up to 9.75 Mainpro+ credits.

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada, and approved by the University of Calgary Office of Continuing Medical Education and Professional Development. You may claim a maximum of 9.75 hours.

SCFA
Sickle Cell Foundation of Alberta
education | awareness | support

(RE)IMAGINING HEALTH

Sickle Cell Anemia & Thalassaemia:
An International Biomedical-Sociocultural Conference.

The Faculty of Dentistry, Medicine and Pharmacy in conjunction with the Sickle Cell Foundation of Alberta are the proud hosts of the 2018 (Re) imagining Health Conference.

We thank you for your support of and attendance at this conference.

We would also like to thank our conference sponsors:

Host | Sickle Cell Foundation of Alberta
Platinum Sponsor | Bioverativ
Gold Sponsor | Canada's Health Institue Presidents Fund
Silver Sponsor | Global Blood Therapeutics
In-Kind Sponsor | Diversity Magazine
Additional Support | Grant Allocation for Research of Rare Blood Diseases

Bioverativ
A SANOFI COMPANY

GBT

DIVERSITY
The Multicultural Magazine — Telling the Untold Stories