



ARISE Webinar

“COVID-19 and Sickle Cell Disease: The Current Scenario”

Session 2

28th May 2020, 04:00 PM to 06:00 PM BST

04:00 – **Introduction by Session Chairs**

Dr Jerylm Porter - Assistant Member, Department of Psychology, St. Jude Children’s Research Hospital, Memphis, US

Prof. Baba Inusa - Department of Paediatric Haematology, Evelina London Children’s Hospital, Guy’s and St Thomas NHS Foundation, UK

04:05 - **The State of The Pandemic; A Review of The Pathogenesis** (5 minutes for Q&A)

Prof. Miguel Abboud - Professor of Pediatrics, Hematology-Oncology, Head of Sickle Cell Disease Program Chairman of the Department of Pediatrics and Adolescent Medicine, American University of Beirut, Lebanon

04:30 - **USA COVID Response** (5 minutes for Q&A)

Dr. Biree Andemiram - Associate Professor of Medicine at the University of Connecticut in the division of Hematology/Oncology, US

04:55 - **Paediatric Perspective and Community Response** (5 minutes for Q&A)

Prof. Lewis Hsu - Professor of Pediatrics and Director of Pediatric Sickle Cell at University of Illinois, Chicago, US

05:20 - **Psychological Impact of COVID** (5 minutes for Q&A)

Prof. Marsha Treadwell - Professor of Psychiatry and Pediatrics, University of California San Francisco School of Medicine, California, US

05:45 – **Discussion**



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Panelists Biographies:



Dr Jerlym Porter

Jerlym Porter, PhD, MPH is an Assistant Member in the Department of Psychology at St. Jude Children’s Research Hospital. She obtained a PhD in counseling psychology at Virginia Commonwealth University. She completed her doctoral internship at Rush University Medical Center and postdoctoral training at the Center for Healthcare Studies at Northwestern University, Feinberg School of Medicine. During fellowship, she obtained an MPH within the Department of Preventive Medicine, Northwestern University. Dr. Porter’s work focuses on improving quality of life of youth with SCD through examining psychosocial outcomes, with an emphasis on issues relevant to the transition to adult care and treatment adherence. She currently has a career

development grant through the National Heart, Lung, and Blood Institute (NHLBI) to investigate transition predictors and outcomes in SCD.



Prof Baba Inusa

Baba Inusa graduated MBBS 1984, ABU Zaria. He is a Professor of Paediatric Haematology, King’s College London. Inaugural Chair, National Haemoglobinopathy Panel, England and lead consultant paediatric haemoglobinopathies, Evelina London Children’s Hospital, Guy’s and St Thomas NHS Foundation Trust. His main research activity sickle cell disease including global health, Newborn screening, stroke, renal disorders and health related quality of life. Prof Inusa is the chief investigator African

Research innovative initiative for Sickle Cell Education (ARISE) www.ariseinitiative.org, EU Horizon 2020 Marie Skłodowska –Curie \$2.1million grant involving institutions in Europe (UK, France, Italy and Cyprus), USA, Kenya, Nigeria and Lebanon institutions 2019-2023. Research interest in sickle cell disease include newborn screening, stroke, renal disorders, health related quality of life with over 70 publications in high impact journals. He edited a book on sickle cell disease –Pain and common chronic complications, 2016. He is a reviewer for peer review journals, national and international publications and grant funders. As mentor he is supervising PhD, Masters Students at King’s College London. I receive students from Italy, China and the Middle East.

He is the founder/Director, Academy for sickle cell and thalassaemia (ASCAT) international conference now in its 15th year (2020) and Sickle Cohort Research Foundation (SCORE) www.scorecharity.com.



Prof. Miguel Abboud

Miguel R. Abboud earned his medical degree at the American University of Beirut in Lebanon in 1982. In 1984, he completed his residency in the Department of Pediatrics, also at the American University of Beirut. In August 2002, he became the first Medical Director of the Children’s Cancer Center of Lebanon (CCCL) at the American University of Beirut Medical Center in Lebanon as well as and Professor of Pediatrics at AUB. During his tenure, he established highly visible and successful bone marrow transplant, limb salvage surgery, and sickle cell disease programs as well as an acute lymphoblastic leukemia research protocol in collaboration with the Leukemia/Lymphoma Division at St. Jude Children’s Research Hospital in Memphis, TN, USA. The sickle cell program at AUBMC has grown and now provides comprehensive service to over 300 children and adolescents with this disease. The program research focuses now on pulmonary hypertension and the vasculopathy in sickle cell disease. In February 2011, he was appointed as Chairman of the Department of Pediatrics and Adolescent Medicine at AUBMC.



Dr. Biree Andemiram

Biree Andemariam, M.D. is founding director of the New England Sickle Cell Institute (NESCI) and Associate Professor of Medicine at the University of Connecticut in the division of hematology/oncology. NESCI’s mission is to provide a medical home for adults with SCD and a transition destination for children with SCD. NESCI is also home to SCD research aimed toward the development of novel pathophysiological understandings and therapies. Dr. Andemariam also directs the Connecticut Bleeding Disorders Center. She received her undergraduate degree in molecular biology and African studies from Princeton University, her medical degree with research honors from Tufts University School of Medicine, and her medical training at Cornell University. She is Chief Medical Officer of the Sickle Cell Disease Association of America.



Prof. Lewis Hsu

Lewis Hsu, MD, PhD, is professor of pediatrics and director of pediatric sickle cell at University of Illinois at Chicago. He is a pediatric hematologist dedicated to finding more cures for sickle cell disease and improving treatment and education until more cures can be found. During 24 years of experience in sickle cell, his immersion in “team science” led to over 70 scientific publications. He works collaboratively to build comprehensive care across the lifespan. He has been training community health workers in the CHECK project in Chicago, with the Sickle Cell Disease Association of America, and with the SCORE in Kaduna, Nigeria. He is a multi-PI in the NIH-funded Sickle Cell Disease Implementation Consortium and is applying implementation science to advance sickle cell care in the US and Nigeria. He volunteers as Vice Chief Medical Officer for the Sickle Cell Disease Association of America, and on educational projects for the American Society of Hematology (ASH) Sickle Cell Initiative. He co-authored the “Hope and Destiny” set of 3 books for education on sickle cell self-care, and 5 sickle cell websites devoted to patient education.



Prof. Marsha Treadwell

Prof. Treadwell holds a degree in clinical child psychology from the University of Washington in Seattle, U.S. She is a Clinical Scientist at the University of California San Francisco (UCSF) Benioff Children’s Hospital Oakland, California, specializing in clinical care, research and community advocacy for individuals with sickle cell disease and their families. Prof. Treadwell is the Director of the Sickle Cell Care Coordination Initiative in northern California that brings together adolescents and adults with sickle cell disease, healthcare providers, policymakers and researchers, to improve quality of life and quality of care and to address the longstanding sickle cell disease health disparities throughout the U.S. Prof. Treadwell is Regional Director for the Pacific Sickle Cell Regional Collaborative, a consortium across 13 western U.S. states that seeks to improve access to knowledgeable sickle cell care. She is Professor of Psychiatry and Pediatrics in the UCSF School of Medicine and has participated in and led numerous multi-site research projects.