



ARISE Webinar

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

Session 1

19th May 2020, 04:00 PM to 06:00 PM BST

Session Chairs:

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

Prof. Julie Makani - Department of Hematology and Blood Transfusion at Muhimbili University of Health and Allied Sciences, Tanzania

04:00 – Introduction

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

04:05 - COVID Infection- The Pathogenesis (5 minutes for Q&A)

Dr. Andrew Campbell - Center for Cancer and Blood Disorders Children’s National Health System, US

04:30 - UK COVID Response; Lessons For Other National Programmes (5 minutes for Q&A)

Prof. Jo Howard - Consultant Haematologist at Guy’s and St Thomas' NHS Foundation Trust, UK

04:55 - Italian / Eurobloodnet Collaboration (5 minutes for Q&A)

Dr. Raffaella Colombatti - Azienda Ospedaliera-Università di Padova, Department of Womens’ and Child Health Clinic of Pediatric Hematology Oncology, Italy

05:20 – Afro-Response to COVID – What Lessons Have We Learnt From Others (5 minutes for Q&A)

Prof. Kwaku Ohene-Frempong – President, Sickle Cell Foundation of Ghana, Programme coordinator, National Newborn Screening Programme for Sickle Cell Disease

05:45 - Discussion

Panelists Biographies:



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. Julie Makani



Julie Makani is Associate Professor in the Department of Haematology and Blood Transfusion at Muhimbili University of Health and Allied Sciences (MUHAS) (<http://www.muhas.ac.tz>), the main clinical, academic and research center in Tanzania. Julie trained in Medicine (Tanzania) and Internal Medicine (UK), and completed her PhD in clinical epidemiology of SCD (UK). She has received several national and international awards for her academic and scientific achievements. She was a Wellcome Trust Research Fellow [Training (2003 – 2009), Intermediate (2012 - 2017)], Tutu Leadership Fellow (2009) www.alinstitute.org and Honorary Visiting Research Fellow, University of Oxford (2003- 2016). She received the 2011 Royal

Society Pfizer Award for her work in using anemia in SCD as a model of translating genetic research into health benefit. She is a Consultant Physician in Hematology and Blood Transfusion and Principal Investigator (PI) for Sickle Pan African Consortium (SPARCO)/ SickleInAfrica <http://www.sickleinafrica.org/>; Site PI for MUHAS for H3ABioNet <https://www.h3abionet.org/> and Co-PI SickleGenAfrica <http://sicklegenafrika.com/> She is a Fellow of Royal College of Physicians of United Kingdom and Tanzania Academy of Sciences.

Dr. Andrew Campbell



A graduate of Case Western Reserve School of Medicine and Pediatric Residency program at Massachusetts General Hospital in Boston, MA.

Completed his Pediatric Hematology/Oncology Fellowship @ Northwestern University. He is currently Director of the Comprehensive Sickle Cell Disease Program at Children's National Hospital and an Associate Professor of Pediatrics at George Washington University School of Medicine in Washington,

DC. He has extensive Global Health research in SCD. As director of the multinational CASiRe (Consortium for the Advancement of Sickle Cell Disease Research) International Consortium he has focused his research in understanding the varied phenotypic expression of SCD in different populations. Recently, he is leading the research effort to further understand the clinical and psychosocial impact of COVID-19 on Sickle Cell Disease patients.



Prof. Jo Howard

Jo Howard is a Consultant Haematologist at Guy's and St Thomas' NHS Foundation Trust, London and is Honorary Professor in Haemoglobinopathies at King's College London where she is lead for the adult Haemoglobinopathy service. Her research interests include the natural history and management of SCD in adults. She has authored over 50 peer reviewed papers, book chapters and a text book.

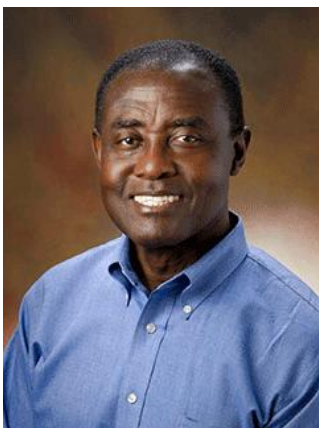
She is lead for the South Thames Sickle Cell and Thalassaemia Network, chair of the Clinical Reference Group for Haemoglobinopathies and chaired the national peer review (2012-2017) and the UK Forum on Haemoglobin Disorders (2017-2019). She is chair of the British Society of Haematology Guidelines group, has contributed to national and international

guidelines on sickle cell disease (SCD) and was editor of the UK Standards for care for Adults with SCD (available at www.sicklecellsociety.org).



Dr. Raffaella Colombatti

Dr. Raffaella Colombatti is pediatric hematologist oncologist at the Pediatric Hematology-Oncology Unit of the Azienda Ospedaliera-Universita di Padova, in Padova, Italy. Her main field of interest are Red Cell Disorders, especially Sickle Cell Disease (SCD). She has contributed in creating the Sickle Cell Veneto Region Reference Center in Padova and is clinical coordinator of the local Universal Newborn Screening Program; she is in charge of the General Hematology-Anemias clinic. In the past years she has been involved in clinical research on SCD vasculopathy, cerebral and neurocognitive abnormalities and brain function. Dr. Colombatti is also interested in Child Health in Africa and is leading several projects in Guinea Bissau, West Africa, in the field of Hematology and Infectious Disorders.



Prof. Kwaku Ohene-Frempong

Kwaku Ohene-Frempong, MD, is director emeritus of the Comprehensive Sickle Cell Center at The Children's Hospital of Philadelphia, emeritus professor of Pediatrics at the Perelman School of Medicine at the University of Pennsylvania, and president of the Sickle Cell Foundation of Ghana. Dr. Ohene-Frempong, professor of Pediatrics at CHOP, Director Emeritus of the Comprehensive Sickle Cell Center, and president of the Sickle Cell Foundation of Ghana, is a world-renowned authority on sickle cell disease, and is himself a carrier. In addition to his research focus on pulmonary complications from sickle cell disease, he pursues research and provides clinical support in his home country, Ghana, where he is considered a national hero. He founded a sickle cell clinic there with the first newborn screening program in Africa, which he is helping to expand nationwide.



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