

Newborn Sickle Cell Disease Screening

22nd July 2020, 5:00 PM to 07:00 PM (BST)

Registration link <https://attendee.gotowebinar.com/register/1952531848415664654>

Chair: Dr Wale Atoyebi - Consultant Haematologist, Oxford University Hospitals, Oxford, UK

5:00 PM - Welcome

5:05 PM - Keynote Address

Her Excellency, Dr Amina Abubakar Bello, 1st Lady Niger state and Founder of Raise Foundation, Nigeria

5:10 PM - Overview of Niger state health service

Dr. Makusidi Muhammad - Honourable Commissioner for Health, Niger State

5:20 PM - Pre-analytical: Public health perspective

Dr Jelili Ojodu - Director, Newborn Screening and Genetics, Association of Public Health Laboratories (APHL), Maryland, USA

Dr Victoria Odesina - Co Founder, Global Sickle Cell Alliance, and Coordinator of the Nigerian Newborn Screening Initiative(GLOSCA)

5:40 PM - Analytical: Principles of laboratory screening

Dr Wale Atoyebi - Consultant Haematologist, Oxford University Hospitals, Oxford, UK

6:00 PM - Post Analytical: Principles of good laboratory practice

Dr Joseph Ubaiké - Supervising Microbiologist, Newborn Screening Connecticut State Department of Public Health

6:25 PM - Post Analytical: Comprehensive care for babies with SCD

Baba Inusa - Professor of Paediatric Haematology, King's College London. Lead consultant paediatric haemoglobinopathies, Evelina London Children's Hospital, Guy's and St Thomas NHS Foundation Trust, UK

6:45 PM - Discussion and Q&A session



Speaker Biographies:



Dr. Baba Inusa

Baba Inusa graduated MBBS 1984, ABU Zaria. He is a Professor of Paediatric Haematology, King's College London. Chair, National Haemoglobinopathy Panel, England and lead consultant paediatric haemoglobinopathies, Evelina London Children's Hospital, Guy's and St Thomas NHS Foundation Trust. He is the chief investigator African Research innovative initiative for Sickle Cell Education (ARISE)

www.ariseinitiative.org, EU Horizon 2020 Marie Skłodowska –Curie

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



Dr Wale Atoyebi

Dr Wale Atoyebi is lead for red cell disorders at the Oxford University Hospitals NHS Foundation Trust, Oxford, and honorary senior clinical lecturer at Oxford University. Trained in medicine in Nigeria, he underwent his haematology training in Oxford. His main interests are: Haemoglobinopathies and disorders of iron metabolism including diagnostics utilising an Oxford NGS iron regulatory panel. He is member of the NHS England, Clinical Reference Group for

Haemoglobinopathies and on the editorial board of the 2018 Standards for The Clinical Care of Adults with SCD in the UK. He is also involved in collaborative

research focused on strengthening healthcare systems by improving best practice in the diagnostics and management of SCD in sub-Saharan Africa. Recently appointed Royal College of Pathologists (UK) - clinical lead for the EU - H2020-MSCA-RISE-2018 (ARISE)



Dr. Amina Abubakar Bello

Dr Amina Abubakar Bello is a consultant Obstetrician and Gynaecologist with a Master's degree in public health and an advocate for the reproductive health rights of women. She is the wife of the Executive Governor of Niger State and Founder of RAiSE Foundation, a non-governmental organization whose vision is of a Nigerian where no woman dies from pregnancy related causes.

Her work at the foundation has led her to become intimately involved with the plight of women with varying reproductive health issues especially Maternal mortality, women with obstetric fistula, and Breast and cervical cancer.

The flagship intervention for the foundation however is ensuring women deliver safely in the hospital. She does this by advocacy, sensitisation, training of skilled birth attendants, providing safe delivery kits for pregnant women and providing emergency tricycle ambulances to communities for conveying pregnant women to the hospital for delivery.

Her Foundation unveiled a cancer screening centre the first of its kind in Niger state dedicated to early detection and preventive therapy of breast and cervical cancer. The Foundation has conducted free breast cancer screenings for over 10,000 women and 8, 000 women for cervical cancer and has helped with treatment of those who require further diagnosis and treatment. She serves on the World Health Organization's Technical Advisory Group for the cervical cancer elimination initiative.

She has done several researches on different aspects of maternal mortality and reproductive health. She has done some work on unsafe abortion, family planning and primary health care centres. She further strengthens her knowledge by undertaking courses and attending seminars around the globe. She holds membership of Nigerian Medical Association (NMA), Medical and Dental Council of Nigeria (MDCN), Medical Women Association of Nigeria (MWAN) and Society of Gynaecologists and Obstetricians of Nigeria (SOGON), she is also a Member West African College of Surgeons and a member of African Institute of Public Health Professionals (AIPHP).



Dr. Victoria O. Odesina

Dr. Victoria Odesina is the mother of three adult children, two of whom are living with sickle cell anemia with alpha thalassemia. She obtained her nursing and midwifery education in Nigeria. She is an advanced practice registered nurse with board certification in public health nursing and earned her doctorate degree in nursing practice with an emphasis in leadership and education.

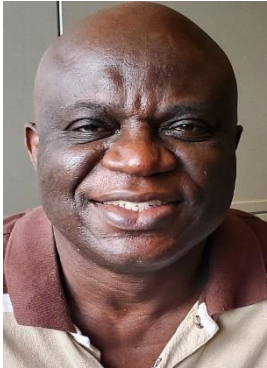
She has worked in different areas of health care delivery over the years but her passion remains the quality of life for people living with sickle cell disease (SCD), both in the USA and other countries. Her work included care

coordination for a pediatric sickle cell program, development of consumer education materials and clinical pathways to improve care for adult patients with SCD seeking pain management in the ED, development of a stigma assessment tool, as well as collaborative public health and research activities.

She was the co-investigator on state, regional and federal sickle cell grants. A certified Hemoglobinopathy Counselor, she co-developed the Health Resources and Services Administration and Connecticut - Department of Public Health's 3-day Community Educator and Hemoglobinopathy Counselor Course that attracted many out of state participants. She mentored several nursing and medical students and, introduced genetics to the nursing curriculum.

She is the co-founder and the president of Global Sickle Cell Alliance, Inc (GLOSCA), a non-profit advocacy organization. She coordinated medical mission trips to Nigeria, and worked to establish newborn screening and follow up programs through the Nigerian Newborn Screening Initiative activities. Supported by the Association of Public Health Laboratories, GLOSCA and the Nigerian Newborn Screening Initiative partners assessed local newborn screening infrastructures and manpower capacity. They conducted a series of stakeholder education and training sessions for more than 300 participants on sickle cell disease, its management, comprehensive newborn screening programs, and hemoglobinopathy counseling. The team also installed Iso Electric Focusing testing machines with hands on training and follow-up consultations, all culminating in the establishment of newborn screening programs for sickle cell disease in three states.

She is a passionate advocate who served on many state, regional and national committees related to genetics, sickle cell, and consumer issues of significance. She has presented at numerous conferences in the USA and abroad, and has authored/co-authored several educational materials on sickle cell disease and its management for providers, patients and their families. She has participated in or served on genetics projects and research, ranging from the state to international level. She is a member of many professional organizations and has received several awards.



Dr. Joseph Ubaiké

Dr. Joseph Ubaiké received his education in Nigeria and the USA. He is the supervising microbiologist for the Connecticut Newborn Screening Program, a position he has held for more many years. In this role, he is responsible for overseeing the activities related to the State's newborn screening program including but not limited to policy development, pre and post analytic phases.

He is a member of the Global Sickle Cell Alliance, Inc (GLOSCA) and the Nigerian Newborn Screening Initiative. Through the assistance of the Association of Public Health in the USA (APHL), he participated in pioneering Newborn Screening (starting with sickle cell disease) in many states in Nigeria like Anambra state, Oyo state, Kaduna state etc. He installed the Iso Electric Focusing Machines in these three States, educated and provided on hands training as well as follow up consultation to the laboratory staff. Likewise, he went to Kenya to help establish the newborn screening program and Haiti several times to help teach and navigate their newborn screening program with APHL support.



Mr. Jelili Ojodu

Jelili Ojodu is the Director for Newborn Screening and Genetics Program at the [Association of Public Health Laboratories](#) (APHL). He is also the Project Director for the [Newborn Screening Technical assistance and Evaluation Programs](#) (NewSTEPS). Mr. Ojodu is responsible for providing guidance and direction for the [Newborn Screening and Genetics in Public Health Program](#) at APHL. He received his Master's in Public Health from The George Washington University and a Bachelor of Science degree in Biological Sciences from the University of Maryland, College Park. He is an advisory member of the [International Society for Neonatal Screening](#) Council and has worked with a number of collaborators and countries to implement comprehensive newborn screening systems.

Dr Makusidi Muhammad

Honourable Commissioner of Health, Niger state.

Permanent secretary, Niger State Ministry of Health 2017-2019. Acting Permanent Secretary, Niger State Ministry Of Health 2016-2017. Permanent Secretary, Niger State Hospitals Management Board 2013-2016. Chief Medical Director, Ibb Specialized Hospital, Minna. 2010-2013. Head Of Ent Department, General Hospital, Minna 2009. Member, College Board, Udu Sokoto 2008-2009. Chairman Salary And Wages Verification Exercise, Medical And Dental Consultants' Association Of Nigeria, Udu Sokoto 2008. Undergraduate Ent Programme Coordinator, Udu Sokoto 2008. Chief Resident, Ent Department, Udu Sokoto 2005. National Chairman, Malogbatunya, Wushishi Local Govt 2003-2007. External Adviser, Association Of Laboratory Science Technology Students, Niger State Polytechnic, Zungeru 2010. Public Relations Officer, Association Of Resident Doctors, Udu Sokoto Branch 2000. Financial Secretary, Association Of Resident Doctors, Udu Sokoto Branch 2001. Welfare Officer, Nismesa, U.D.U Sokoto Branch 1996. Member Accreditation Committee, College Of Health Sciences, U.D.U Sokoto 1995. President Science Club, Govt Science College, Kagara 1986-1988. President Mathematics Club, Govt Science College, Kagara 1986-1988. General Monitor, Central Primary School, Wushishi 1982.

Conference / Media Paper Presentations

Pattern Of Skin Prick Test In Allergic Rhinosinusitis In Enugu:Orlson Conference Enugu 2003

Incidence Of Hearing Loss In Sickle Cell Disease Patient As Seen In University Of Nigeria Teaching Hospital Enugu, Nigria:Orlson Conference Ilorin 2004

Epistaxis And Hypertension, Myth Or Fact, Hypertensive Society Of Nigeria, Sokoto 2006

Snoring As A Medical Condition, Doctor Online, Nta Minna 2010

Hearing Loss A Hidden Handicap, Doctor Online, Nta Minna

Foreign Bodies In Aerodigestive Tract, Nta Am Express Programme

Rhinosinusitis: Health Issues, Nta Minna

Managing Pilgrims Health, A Collaborative Effort Of Officials And Health Workers. Training Of Trainers Workshop Organized By Niger State Pilgrim's Welfare Commission 2012s

On Going Research Works:

Ototoxicity, Challenges Of Diagnosis In Developing World Like Nigeria

Our Experience of a Foreign Body Traversing Oral Cavity To The Brain Stem At Ibbsh, Nigeria