



ASLM2021-Satellite_Session_Introducing PAVON and Merck's malaria microscopy education

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ASLM2021 Satellite Session

Sponsor

The Merck (Germany) Global Health Institute

Date and Time

16 November 2021, 8AM-9AM GMT

Summary

Please attend our introduction to the PAVON network and learn about the malaria microscopy training provided by the Merck Global Health Institute.

The Merck Global Health Institute (MGHI) is a team of researchers dedicated to helping vulnerable populations to combat infectious diseases, particularly malaria and schistosomiasis. We discover new pharmaceutical treatments, develop new diagnostic assays, and conduct projects to strengthen healthcare delivery. We work with private companies, educational institutions, and NGOs to make this a reality. Please attend our seminars. We have two wonderful speakers including Dr. Isaac Quaye from PAVON and Professor William Anyan from the Noguchi Memorial Institute for Medical Research at the University of Ghana. Learn about our work to strengthen healthcare delivery.

PAVON is the "Pan African Vivax and Ovalae Network, It is a league of laboratories spanning sub-Saharan Africa dedicated to combating malaria. PAVON provides community services including identifying malaria outbreaks, identifying the species of plasmodium, alerting health ministries, creating epidemiological mapping of the outbreaks, educating healthcare workers, and writing reports for the media. Dr. Quaye will introduce PAVON and discuss its impact.

MGHI is working with the Noguchi Institute to provide malaria microscopy training for laboratory technologists. With help from the Ghana Health Services (GHS), training webinars were filmed at Noguchi to train those without access to hands-on training in the classroom. The webinars include subjects like an introduction to the microscope, slide preparation, leukocyte analysis, diagnosing malaria, classifying anemia, blood borne pathogens, and more. ASLM is helping MGHI to earn accreditation from the European Union. The webinars will soon become available through MGHI.

In addition, 30 laboratory technologists will receive hands-on training at the Noguchi Institute. Microscopes, hemocytometers, and blood cell differential counters were donated by the Rotary Club of Seattle and the Malaria Partners International. After training, the technologists will work under supervision in GHS laboratories and Infanta Foundation clinics. The Noguchi Institute will conduct an impact study for publication. Next year,

MGHI will sponsor additional training there in Ghana and also expand training into Kenya and Ethiopia. Come learn more about the microscopy education program from Professor Anyan.

MGHI thanks you for your support

Learning Objectives

- Diagnosing malaria
- Elementary microscopy
- The classification of anemia
- Leukocyte analysis
- the PAVON network

Target Audience

- Laboratory Technologists
- Healthcare Ministries
- Those living in malaria endemic areas
- Educational Institutions
- Community service organizations
- NGOs
- Healthcare workers

Speakers

- Dr. Delalih Manteau (Merck Global Health Institute)
- Dr. Isaac Quaye (Professor at the Regent University College of Science and Technology, Ghana)
- William Anyan (The Noguchi Memorial Institute for Medical Research)