

Summary Information

Symposium Information

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Symposium Title - 255 character limit: CNS infections in Africa: Epidemiology, Diagnostics, and Treatment in 2018

Symposium Description - 2800 character limit: Meningitis in Africa is classically thought of as meningococcal meningitis in the African meningitis-belt. Yet, the epidemiology of CNS infections has drastically changed over the past two decades with the spread of HIV, the recent implementation of the new serotype A meningococcal conjugate vaccine, and the emergence and recognition of novel viral infections. Additionally, new advances in diagnostics and molecular technologies have substantially altered our ability to diagnose CNS infections, and are altering our understanding of the epidemiology of CNS infections. This symposium will review changes in the epidemiology of meningitis and CNS infections, current therapies, and recent/ongoing clinical trials to improve diagnosis and outcomes in resource-limited settings. Lastly, the symposium will conclude with an interactive discussion of a new African Meningitis Clinical Trials Network and potential collaborative future trials soliciting input from the audience.

Symposium Topic Category: HIV and Tropical Co-Infections

Creative Format Description - 1300 character limit: We propose 6 speakers in total with two other very brief presentations (5min) presented by the chair and co-chair. The titles (and sequence) of the two additional talks are: 3. 2018 WHO Guidelines for Cryptococcal Meningitis (5min) 6. African Meningitis Research Network a platform for future trials (5min presentation / 15 min discussion)

Rationale for Topic Description - 1000 character limit: A symposium on CNS infections was last presented in 2016 with a different line up of topics and speakers. This symposium will have 4 speakers covering new clinical research published or to be published in 2018 regarding TB meningitis diagnostics (Xpert Ultra), WHO cryptococcal guidelines, and two phase III cryptococcal meningitis trials. As Crypto and TB are the #1 and #2 causes of meningitis in Sub-Saharan Africa, we think this relevant for a tropical

medicine audience.

Media Interest - 650
character limit:

Objective 1: Understand current epidemiology of meningitis in Africa and impact of HIV.

Objective 2: Understand new diagnostic approaches for TB meningitis.

Objective 3: Understand current WHO guidelines for treatment of cryptococcal meningitis as well as new cutting edge clinical trials and ongoing clinical trials.

Organizer Information

First Name: David

Middle Initial: R

Third Initial:

Last Name: Boulware

Suffix (Jr., Sr., III):

Degree(s): MD, MPH, CTropMed

Organization: University of Minnesota

City: Minneapolis

State: MN

Country: United States

Contact Address 1: 689 23rd Ave SE, MRF 4-103

City: Minneapolis

State: MN

Country: United States

Zip/Postal Code: 55455

Phone: 6126269546

E-mail: boulw001@umn.edu

Background Information - 1000 Character Limit: Dr. Boulware is an infectious disease physician-scientist with formal training in clinical trials, public health, and tropical medicine. Dr. Boulware combines his clinical research with nested basic science investigations into disease pathogenesis to conduct translational research. His primary research interests are in meningitis in resource-limited areas including diagnosis, prevention, treatment, and quality improvement initiatives incorporating cost-effectiveness analyses in order to translate knowledge into improved care. Dr. Boulware has active research collaborations in Uganda, South Africa, and Ethiopia leading a multidisciplinary, international research team.

Gender (for demographic purposes): Male

Member Status: I am an ASTMH member

Membership Exemptions:

Please Select: I do not have a conflict of interest.

Please Select: I am not receiving payments

Please Select: I confirm the content validation statement.

Disclosure Block : **D.R. Boulware**, None.

Co-Chair (optional) Information

First Name: Joseph

Middle Initial:

Third Initial:
 Last Name: Jarvis
 Suffix (Jr., Sr., III):
 Degree(s): MBBS MRCP, PhD, DTM&H
 Organization: London School of Hygiene and Tropical Medicine
 City: Gaborone
 State:
 Country: Botswana
 Contact Address 1: Botswana-UPenn Partnership
 City: Gaborone
 State:
 Country: Botswana
 Zip/Postal Code:
 Phone: +26776524122
 E-mail: joseph.jarvis@lshtm.ac.uk
 Background Information - 1000 Character Limit: Joe Jarvis is a Professor at the London School of Hygiene and Tropical Medicine, Research Associate at the Botswana Harvard AIDS Institute Partnership, and Consultant Physician and Epidemiologist at the Botswana-UPenn Partnership. He is based full time in Gaborone, Botswana where his main research interests are advanced HIV disease, opportunistic infections, cryptococcal meningitis, and strategies to rapidly and safely initiate ART in individuals with low CD4 counts.
 Gender (for demographic purposes): Male
 Member Status: I am not an ASTMH member
 Membership Exemptions:
 Please Select: I do not have a conflict of interest.
 Please Select: I am not receiving payments
 Please Select: I confirm the content validation statement.
 Disclosure Block : **J. Jarvis**, None.

Speaker Information

First Name: Henry
 Middle Initial: C
 Third Initial:
 Last Name: Mwandumba
 Suffix (Jr., Sr., III):
 Degree(s): MBChB, DTM&H, FRCP, FCP
 Presentation Title - 255 character limit: Bacterial Meningitis in Malawi
 Presentation Length in Minutes: 15
 Organization: Malawi-Liverpool-Wellcome Trust Clinical Research Programme
 City: Blantyre
 State:
 Country: Malawi
 Contact Address 1: Malawi-Liverpool-Wellcome Trust Clinical Research Programme

City: Blantyre
 State:
 Country: Malawi
 Zip/Postal Code: N/A
 Phone: N/A
 E-mail: Henry.Mwandumba@Istmed.ac.uk
 Background Information - 1000 Character Limit: Henry Mwandumba is a Reader at the Malawi-Liverpool-Wellcome Trust Clinical Research Programme and an MRC/DfID African Research Leader. He also serves as a Consultant Physician in General (Internal) Medicine & Infectious Diseases in Blantyre, Malawi.

Gender (for demographic purposes): Male
 Please Select: I do not have a conflict of interest.
 Please Select: I am not receiving payments
 Please Select: I confirm the content validation statement.
 Disclosure Block : **H.C. Mwandumba**, None.

First Name: Fiona
 Middle Initial: C
 Third Initial:
 Last Name: Cresswell
 Suffix (Jr., Sr., III):
 Degree(s): MBCHB, BSC, MRCP, DTM&H, DIPGUM PG
 Presentation Title - 255 character limit: What's cooking in TB meningitis research
 Presentation Length in Minutes: 20
 Organization: London School of Hygiene and Tropical Medicine
 City: Kampala
 State:
 Country: Uganda
 Contact Address 1: Infectious Diseases Institute
 City: Kampala
 State:
 Country: Uganda
 Zip/Postal Code: 22418
 Phone: +256793420173
 E-mail: fionacresswell@doctors.org.uk
 Background Information - 1000 Character Limit: Fiona Cresswell is a Clinical Research Fellow and PhD candidate at the LSHTM who is based in Uganda. Dr. Cresswell is involved in diagnostic studies for TB meningitis and leads a phase II clinical trial to improve the survival of HIV-infected persons co-infected TB meningitis.

Gender (for demographic purposes): Female
 Please Select: I do not have a conflict of interest.
 Please Select: I am not receiving payments
 Please Select: I confirm the content validation statement.
 Disclosure Block : **F.C. Cresswell**, None.

First Name: Cecilia
 Middle Initial:
 Third Initial:
 Last Name: Kanyama
 Suffix (Jr., Sr., III):
 Degree(s): MBBS, FCP(SA)
 Presentation Title - 255 character limit: Recent trials in Cryptococcal Meningitis: Is one week better than two?
 Presentation Length in Minutes: 15
 Organization: UNC Project Malawi
 City: Lilongwe
 State:
 Country: Malawi
 Contact Address 1: UNC Project Malawi
 City: Lilongwe
 State:
 Country: Malawi
 Zip/Postal Code: N/A
 Phone: N/A
 E-mail: ckanyama@unclilongwe.org
 Background Information - 1000 Character Limit: Cecilia Kanyama is Principal Investigator for several TB, Cryptococcal Meningitis, and HIV treatment trials at UNC Project Malawi. She is an internal medicine physician with particular interests in the improvement of diagnostic tests for HIV and associated conditions, and in the management of cryptococcal disease in resource-limited settings.
 Gender (for demographic purposes): Female
 Please Select: I do not have a conflict of interest.
 Please Select: I am not receiving payments
 Please Select: I confirm the content validation statement.
 Disclosure Block : **C. Kanyama**, None.

First Name: Mosepele
 Middle Initial:
 Third Initial:
 Last Name: Mosepele
 Suffix (Jr., Sr., III):
 Degree(s): MD, MSc
 Presentation Title - 255 character limit: Cryptococcal Meningitis – is one dose of amphotericin enough?
 Presentation Length in Minutes: 15
 Organization: University of Botswana
 City: Gaborone
 State:
 Country: Botswana
 Contact Address 1: University of Botswana, Dept. of Medicine
 City: Gaborone
 State:

Country: Botswana
Zip/Postal Code: N/A
Phone: N/A
E-mail: mosepele.mosepele@gmail.com
Background Information - 1000 Character Limit: Mosepele Mosepele is a Senior Lecturer and Acting Assistant Programme Director at the University of Botswana Faculty of Medicine. He is a Specialist Physician, Infectious Disease Consultant and Clinical Epidemiologist with experience in research focused on HIV-associated complications. He is the Botswana site PI for the Ambition-cm Trial examining novel treatment strategies for HIV-associated cryptococcal meningitis.
Gender (for demographic purposes): Male
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Please Select: I am not receiving payments
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Disclosure Block : **M. Mosepele**, None.
