



# AHPBCC

Africa HepatoPancreatoBiliary Cancer Consortium

## TRANSFORMING HEPATOPANCREATOBIILIARY CANCER RESEARCH & CARE IN THE OMICS ERA



### The First AFRICA

HepatoPancreatoBiliary  
Cancer Consortium  
Scientific Conference

**25-28 AUGUST 2022**

Cairo Marriott Zamalek Hotel  
Cairo, Egypt

KEYNOTE LECTURES

Risk & Prevention

Leveraging "Omics" for Improved Cancer Control

Early Detection & Diagnosis

HPB Cancer Control Capacity & Collaboration in Africa





# AHPBCC

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## Vision:

The Africa HepatoPancreatoBiliary Cancer Consortium (AHPBCC) will establish, develop, and support the efforts of a highly skilled network of liver, pancreatic, and biliary tract cancer researchers, and clinicians on the African continent and worldwide. These rapidly fatal malignancies have a poorly understood etiology and biology and are often diagnosed at a late stage after the primary tumor has spread to adjacent or distant organs, precluding curative therapy. In Africa, there are higher incidences and mortality for these cancers than in America, Asia, or Europe. There are significant limitations to the advancement of HepatoPancreatoBiliary cancer research in Africa, which include limited continuous training in emerging research among clinicians and scientists, limited diagnostic capabilities, and modest resources allocated to the liver, biliary and pancreatic cancer research.

There is an urgent need to harness the collective expertise and resources in the United States, Europe, and Asia with African investigators. This team will expand the overall knowledge of these cancers by fostering collaborations among researchers, establishing a framework for the efficient conduct and publication of original pooled analysis, providing a forum and framework for discussion, development, and pursuit of new research directions, and supporting the development of early career researchers.







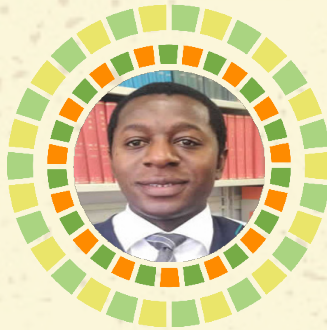
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## Conference Organizational Committee (in alphabetical order)



**Dr. Akwi Asombang**



**Dr. Jackson Chipaila**



**Mr. Matt Cooley**



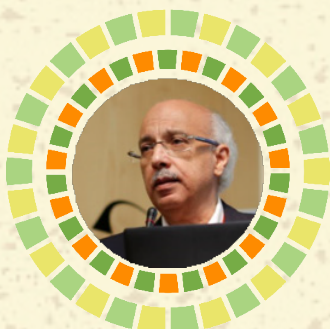
**Dr. Hailemichael Desalegn**



**Prof. Mohamed El-Kassas**



**Dr. Marius Nagalo**



**Prof. Ashraf Omar**



**Dr. Abidemi Omonisi**



**Ms. Miranda Rank**



**Prof. Lewis Roberts**



**Dr. Xuehong Zhang**



**Mr. Marco Zaki**





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## **Prof. Bello Abubakar**

**MD, FMCR, FICS**, Chief Consultant Clinical and Radiation Oncologist, National Hospital Abuja, Nigeria  
Member of the African Cancer Coalition, American Association for Cancer Research (AACR), American Society of Clinical Oncology (ASCO), and European Society of Medical Oncology (ESMO)  
*Nigeria*



## **Mr. Matt Cooley,**

**MS, MLS(ASCP)CM**  
Clinical and Translational Science graduate student in GI and Hepatology Research at the Mayo Clinic Graduate School of Biomedical Sciences  
*United States of America*



## **Dr. Bolni (Marius) Nagalo,**

**Ph.D.**  
Assistant Professor of Pathology at the University of Arkansas for Medical Sciences (UAMS)  
Winthrop P. Rockefeller Cancer Institute Cancer Biology Research Program member  
*United States of America*



## **Dr. Hailemichael Desalegn**

**MD, Ph.D.**, Internist, Gastroenterologist/Hepatologist, and an Associate professor of Medicine from Ethiopia, Vice President of Ethiopian Gastroenterology Association, director of Sub-Saharan Africa Gastroenterology ECHO clinic  
*Ethiopia*





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## Prof. Jesper B. Andersen

**Ph.D.**, Associate Professor in Translational Research, University of Copenhagen, Denmark  
Co-founder of the European Network for the Study of Cholangiocarcinoma, Global Cholangiocarcinoma Alliance, and member of the International Cholangiocarcinoma Research Network (ICRN)  
*Denmark*



## Dr. Patrick Kafui Akakpo

**FWACP, MGCP, MBChB**  
Senior Lecturer at the Department of Pathology, School Medical Sciences, University of Cape Coast, Ghana  
Pathologist, Cape Coast Teaching Hospital  
Pathologist, Pathologist Without Borders  
President of Society of Laboratory Physicians, Ghana  
*Ghana*



## Dr. John W. Ward

**MD**, Professor in the Hubert Department of Global Health, Rollins School of Public Health, Emory University  
Founder and director of the Coalition for Global Hepatitis Elimination of the Task Force for Global Health  
Advisor to WHO Geneva, WPRO, PAHO and the African Union  
*United States of America*



## Prof. Olufunmilayo Lesi

**FWACP, FMCP**  
Leader of the Hepatitis team in the Global HIV, Hepatitis and STI Programs at the World Health Organization Headquarters in Geneva, Switzerland  
Previous WHO regional advisor for Viral Hepatitis elimination, previous Professor of Medicine, University of Lagos  
*Switzerland*





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## Dr. ASARE KWAKU OFFEI

**MBChB, MGCS, FWACS**

Consultant surgeon at the Korle-Bu Teaching Hospital, Former lecturer at the School of Medicine and Dentistry, University of Ghana  
Volunteer at Liver Cancer Foundation, Ghana  
*Ghana*



## Prof. Emmanuel Ekene Nweke

**MSc, Ph.D.**

Scientist and Research Coordinator at the Department of Surgery, University of Witwatersrand, South Africa  
Co-chair of the Biospecimen and Laboratory Analysis Committee for AHPBCC  
*South Africa*



## Prof. Lars Aabakken

**MD, Ph.D.**

Head of GI Endoscopy at Oslo University Hospital/Rikshospitalet  
Former president of SADE (Scandinavian Association for Digestive Endoscopy) and ESGE (European Society for Gastrointestinal Endoscopy), editor-in-chief of the Scandinavian Journal of Gastroenterology  
*Norway*



## Prof. Mohamed Hassany

**MBChB, MSc, MD**

Assistant to the Egyptian Health Minister for public health initiatives in Egypt  
Associate professor of Gastroenterology and Hepatology, National Hepatology and Tropical Medicine Research Institute (NHTMRI), Cairo  
CEO of the National Committee for Control of Viral Hepatitis (NCCVH), director of the NCCVH hepatitis elimination program  
*Egypt*





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## Prof. Folakemi T. Odedina

**Ph.D.**, Professor of Oncology, Mayo Clinic  
Enterprise Deputy Director of Community Outreach and Engagement for the  
Mayo Clinic Comprehensive Cancer Center  
Director of the Global Health Equity Initiatives, Mayo Clinic Center for Health  
Equity and Community Engagement  
Chair of Research Committee, AORTIC  
*United States of America*



## Dr. Michael Okello

**MBChB, M.Med.**  
Chief surgeon, Uganda Martyrs Hospital, Lubaga, Uganda  
Lecturer, Anatomy Department, Makerere University College of Health  
Sciences, Kampala, Uganda  
President of the Society of Uganda Gastrointestinal and Endoscopic  
Surgeons  
*Uganda*



## Prof. Edith Okeke

**BMBCh, FWACP, FRCP**  
Professor of Medicine in the Faculty of Medical Sciences,  
University of Jos, Nigeria  
Member of WHO Expert Advisory Panel on Drug Evaluation  
International Advisor for Nigeria, Royal College of Physicians  
*Nigeria*



## Dr. Abidemi Omonisi

**MBBS, FWACP, FCPATH (ECSA)**  
Sub-Dean, Faculty of Basic Clinical Sciences,  
College of Medicine, Ekiti State University Ado-Ekiti, Nigeria  
Founder, Ekiti Cancer Registry  
Executive Member, AHPBCC  
*Nigeria*







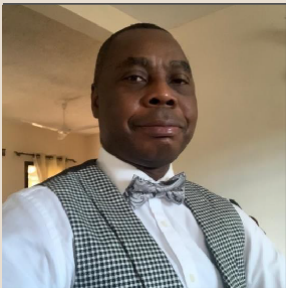
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## Dr. Yvonne Ayerki Nartey

**MBChB, MSc, MPhil, PhD**, Physician specialist at the Cape Coast Teaching Hospital, Cape Coast, Ghana  
Inaugural Hepatitis Evaluation, Research, and Outreach Fellow of the Coalition for Global Hepatitis Elimination at the Task Force for Global Health  
Co-chair of Biospecimen and Laboratory Analysis Committee of AHPBCC  
*Ghana*



## Prof. Babatunde Duduyemi

**MBChB, MSc, FMCPATH (ECSA)**  
Professor & Consultant Pathologist, University of Sierra Leone Teaching Hospital Complex, Freetown  
International Ambassador to the United States and Canadian Academy of Pathology  
*Sierra Leone*



## Prof. Anna Kramvis

**Ph.D.**  
Research Professor and Director of the Hepatitis Virus Diversity Research Unit (HVDRU), University of the Witwatersrand, South Africa  
Fellow of the Academy of Science of South Africa  
Governing body of the International Committee to Eliminate HBV  
Committee member of AIDS Clinical Trials Group  
*South Africa*



## Dr. Xuehong Zhang

**MBBS, ScD**  
Assistant Professor in Medicine, Harvard Medical School and Department of Nutrition for Harvard T.H. Chan School of Public Health  
Associate Epidemiologist, Brigham and Women's Hospital  
Co-chair of the Epidemiological and Clinical Data Management Committee, AHPBCC  
*United States of America*







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## Prof. Lewis Roberts

**MBChB, Ph.D.**

Consultant and Associate Chair of Equity, Diversity, and Inclusion,  
Division of Gastroenterology and Hepatology, Mayo Clinic  
Coordinator of the International Hepatobiliary Neoplasia Registry and  
Biorepository  
Steering and Executive Committee Member, AHPBCC  
*United States of America*



## Prof. Sandie R Thomson

**MBChB, ChM, FRCS, FRCP**

Emeritus Professor, Division of Gastroenterology,  
Department of Medicine, University of Cape Town  
Co-chair, Education, Training, and Career Development  
Committee, AHPBCC  
*South Africa*



## Dr. Marco Zaki

**MS, Ph.D.**

The First Egyptian Newton Prize  
Winner  
Lecturer of Biochemistry and  
Cell Biology,  
Minia University  
Ambassador, European Association for Cancer Research  
*Egypt*



## Prof. Samuel O. Antwi

**MPH, Ph.D.**

Assistant Professor of Epidemiology, Mayo Clinic  
Executive Committee, AHPBCC  
Academic Editor, World Journal of Gastroenterology  
Academic Editor, Journal of Cancer Epidemiology  
*United States*





Thursday, August 25th (Day 1)

## Session 1: Pre-Conference Activities and Keynote

- 7:00am-6:00pm Registration
- 7:00am-8:00am **AHPBCC Executive Committee**  
8:00am-11:00am **Hands-on Workshop: HPB Disease Monitoring through Ultrasonography Techniques**  
Prof. Ashraf Omar, Cairo, Egypt
- 11:00am-12:00pm **AHPBCC Working Group Meetings**
- 12:00pm-5:00pm **Preconference Trainee Workshop (Detailed Agenda TBD – Collaboration with AASLD, AORTIC, ILCA, ENSCCA, others)**  
Workshop Organizer: Prof. W. Ray Kim, Palo Alto, CA, USA  
Title: Early Career Investigator Workshop
- 6:00pm-7:00pm **Welcome and Keynote Address:**  
AHPBCC Leadership Welcome: **Introduction of Conference Objectives**,  
Egyptian Ministry of Health Representative Welcome  
AORTIC Welcome - Prof Dafalla Omer Abuidris Elmustafa, AORTIC  
Vice-President for North Africa (Sudan)  
Keynote: Prof Wahid Doss, Cairo, Egypt
- 7:00pm-8:15pm Dinner  
8:15pm-9:00pm Social Hour





Friday, August 26th (Day 2)

## Session 2: Risk and Prevention

Moderated by Prof. Dr. Xuehong Zhang and Manal Hamdy

- |                 |  |
|-----------------|--|
| 7:00am-8:00am   | Registration   |
| 7:00am-8:00am   | Continental Breakfast (Hotel Guests)   |
| 8:00am-9:15am   | <p><b>Introduction to Liver, Pancreatic, Biliary Tract Cancer Epidemiology in Africa: Trends, Risk Factors, and Gaps</b></p> <p>Prof. Edith Okeke, Jos, Nigeria (Hepatocellular Carcinoma)<br/>         Dr. Amr Shafeek (Biliary Tract Cancers)<br/>         Dr. Asare Offei, Accra, Ghana (Pancreatic Cancer)</p> |
| 9:15am-9:30am   | <p><b>HEPSANET: Improving Epidemiology Data to Inform the Science of Viral Hepatitis Elimination in Africa</b></p> <p>Dr. Hailemichael Desalegn, Addis Ababa, Ethiopia</p>   |
| 9:30am-9:50am   | <p><b>HEAT Study: Viral Hepatitis Elimination through Hepatitis B Vaccination and Scaling Up of Hepatitis Testing and Treatment</b></p> <p>Prof. John Ward, Atlanta, GA, USA (AASLD)<br/>         Dr. Yvonne Nartey, Cape Coast, Ghana (Ghana Country Profile)</p>   |
| 9:50am-10:05am  | <p><b>Decreasing Risk of Liver Cancer - Strategies to Increase Access to HBV and HCV Prevention, Screening, and Treatment</b></p> <p>Prof. Funmi Lesi, Lagos, Nigeria/Geneva, Switzerland (WHO)</p>  |
| 10:05am-10:20am | Refreshment Break, Posters and Exhibits  |
| 10:20am-12:00pm | <p><b>Moderated Discussion: We Know Enough Already, How do we Scale-up HPB Cancer Prevention Measures and Implementation in Africa?</b></p> <p>Moderators: Prof. Ayodele Omotoso, Calabar, Nigeria, and Dr. Xuehong Zhang, Boston, MA, USA<br/>         Panelists: All Speakers from Session 2</p>                 |
| 12:00pm-1:15pm  | <p>Lunch, Posters and Exhibits</p> <p>Mentorship and Networking Tables: (5) Table 1: Name; Table 2: Name; Table 3: Name; Table 4: Name; Table 5: Name</p>  |





Friday, August 26th (Day 2)

## **Session 3: Leveraging “Omics” for Improved Cancer Control;**

Moderated by Dr. John Devar and Dr. Marius Nagalo

- 1:15pm-1:30pm **Liver Cancer “Omics” in Africa and Optimizing Therapy: Immune Checkpoint Therapy**  
Mr. Marco Zaki, Minya, Egypt
- 1:30pm-1:45pm **Integrated Genomics of Cholangiocarcinoma: Subtypes, Risk Factor Associations, and Personalized Therapy**  
Prof. Jesper Andersen, Copenhagen, Denmark
- 1:45pm-2:00pm **Genomics of Gall Bladder Cancer in South Africa: Indicators of a Novel Epidemiology**  
Dr. John Devar, Johannesburg, South Africa
- 2:00pm-2:15pm **Leveraging Metabolomics to Improve Liver and Pancreatic Cancers Treatment**  
Dr. Ahmed Ihab, Cairo, Egypt
- 2:15pm-2:30pm **HBV Genotypes Circulating in Africa and Viral Risk Factors Associated with HCC Development**  
Prof. Anna Kramvis, Johannesburg, South Africa
- 
- 2:30pm-2:45pm Refreshment Break, Posters and Exhibits
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- 2:45pm-3:00pm **Beyond “Omics:” Connecting Social Determinants of Health Influence with Cancer “Omics”**  
Dr. Lifang Hou, Chicago, IL, USA
- 3:00pm-4:30pm **Moderated Discussion: Planning for the Africa HepatoPancreatoBiliary Cancer “Omics” Project**  
Moderators: Dr. John Devar and Dr. Marius Nagalo  
Panelists: All Speakers from Session 3, Prof. Romuald Boua
- 4:30pm-5:15pm Social Hour and Networking
- 6:00pm-8:00pm Industry Sponsored Dinner (Off-Site)  
Sponsor: Roche Africa





Saturday, August 27th (Day 3)

## **Session 4: Early Detection and Diagnosis;**

Moderated by Dr. Yvonne Nartey and Dr. Emmanuel Nweke

7:00am-8:00am	Registration
7:00am-8:00am	Continental Breakfast (Hotel Guests)
8:00am-8:15am	<b>Improving Early Detection of PancreatoBiliary Cancers through Advanced Endoscopy</b> Dr. Kulwinder Dua, Milwaukee, WI, USA
8:15am-9:00am	<b>WEO Sponsored Panel Discussion: How do we Enhance Endoscopy Research Training and Practice in Africa?</b> WEO Panelists: Prof. Lars Aabakken, Prof Elly Otieno Ogotu, Prof. Sandie Thompson, and Dr. Kulwinder Dua Moderator: Dr. Akwi Asombang
9:00am-9:15am	<b>The Importance of Advocacy as a Tool for Early Detection</b> Pharm Bisi Bright, LiveWell Initiative, Lagos, Nigeria
9:15am-9:30am	<b>US National Cancer Institute's Liver Cancer Early Detection Network</b> Dr. Xin Wei Wang, Bethesda, MD, USA
9:30am-9:45am	<b>Population Genetics Studies in Africa: Identifying Cancer Markers</b> Prof. Romuald Boua, Burkina Faso
9:45am-10:00am	Refreshment Break, Posters and Exhibits
10:00am-10:15am	<b>Improving Laboratory Capacity and Research Capability in Africa</b> Oluegun Oio, Ile-Ife, Nigeria
10:15am-10:30am	<b>Utility of Methylated DNA Markers for the Diagnosis of Malignant PancreatoBiliary Strictures</b> Mr. Matt Cooley, Rochester, MN, USA
10:30am-10:45am	<b>GALAD Score: Use and Utility in Africa</b> Dr. Ju Dong Yang, Los Angeles, CA, USA
10:45am-11:00am	<b>Egypt Early Detection of HCC in Cirrhosis Patients</b> Prof. Mohamed Hassany, Cairo, Egypt
11:00am-12:00pm	<b>Moderated Discussion: HPB Cancer Biomarker Implementation in Africa</b> Moderators: Dr. Yvonne Nartey, Ghana and Dr. Emmanuel Nweke, South Africa Panelists: All Speakers from Session 4
12:00pm-1:15pm	Lunch, Posters and Exhibits Mentorship and Networking Tables: (5) Table 1: WEO; Table 2: Name; Table 3: Name; Table 4: Name; Table 5: Name





Saturday, August 27th (Day 3)

## **Session 5: HPB Cancer Treatment and Clinical Care;**

Moderated by Prof. Ashraf Omar, Prof. Sandie Thomson and Prof. Reda Elwakeel

- 1:15pm-1:45pm **HPB Surgery in Africa: Current State**  
 Dr. Jackson Chipaila, Lusaka, Zambia  
 Dr. Karan Gandhi, Nairobi, Kenya
- 1:45pm-2:00pm **Radiation Oncology in Africa: The Impact on HPB Cancer Management**  
 Prof. Khaled Abdel Kareem, Cairo, Egypt
- 2:00pm-2:15pm **Repurposing Live Vaccine to Stimulate Anti-Tumor Immune Response to Treat Liver Cancer**  
 Dr. Marius Nagalo, Little Rock, AR, USA / Ouagadougou, Burkina Faso
- 2:15pm-2:30pm **Advocacy Session on Treatment Options**  
 Global Liver Institute  
 Donna Cryer, JD, Washington, D.C., USA
- 
- 2:30pm-2:45pm Refreshment Break, Posters and Exhibits
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- 2:45pm-3:00pm **Systemic Therapy for Advanced HCC (Virtual Presentation)**  
 Prof. Ghassan Abou-Alfa, New York, NY, USA
- 3:00pm-3:15pm **Improving the Clinical Trials Landscape for HPB Cancers in Africa**  
 Prof. Folakemi Odedina, Jacksonville, FL, USA
- 3:15pm-3:30pm **Systemic Therapy for Pancreas and Biliary Tract Cancer**  
 Dr. Tamer El-Nahas, Egypt
- 3:30pm-3:45pm **Ablation, Radiation, Embolization and Surgery**  
 Dr. Michael Okello, Makerere, Uganda
- 3:45pm-5:00pm **Moderated Discussion: Improving HPB Cancer Care and Expanding Cancer Related Clinical Trials in Africa**  
 Moderators: Prof. Ashraf Omar, Cairo, Egypt and  
 Prof. Sandie Thomson, Cape Town, South Africa  
 Panelists: All Speakers from Session 5;  
 Dr. Lucas Tina Otieno of Africa Clinical Research Management
- 6:00pm-8:00pm Industry Sponsored Dinner (Off-Site) AORTIC – Vision for Connecting Africa or  
 Cultural Focus Sponsor: Name





Sunday, August 28th (Day 4)

## **Session 6: Building Cancer Control Capacity and Collaborations in Africa;**

Moderated by Dr. Desalegn, Dr. Spearman and Mohamed K. Shaker

- |                 |  |
|-----------------|--|
| 7:00am-8:00am   | Registration   |
| 7:00am-8:00am   | <b>Continental Breakfast (Hotel Guests)</b>  |
| 8:00am-8:15am   | <b>Population Based Cancer Registries in Sub-Saharan Africa: Utility in Research and Cancer Control</b><br>Dr. Abidemi Omonisi, Ado Ekiti, Nigeria   |
| 8:15am-8:30am   | <b>HPB Pathogenesis: Looking Forward at HPB Cancer Research, Education, and Workforce Building in Africa</b><br>Dr. Solomon Rotimi, AORTIC Research Committee, Ota, Nigeria  |
| 8:30am-9:00am   | <b>Enhancing Research Education and Practice Collaborations in Pathology in Africa</b><br>Prof. Fatimah Abdulkareem, Lagos, Nigeria<br>Prof. Babatunde Duduyemi, Freetown, Sierra Leone<br>Dr. Kafui Akakpo, Cape Coast/Accra, Ghana |
| 9:00am-9:15am   | <b>Hepatitis B Foundation: Fundraising and Funding Opportunities</b><br>Dr. Chari Cohen, President, Hepatitis B Foundation   |
| 9:15am-9:30am   | <b>Cholangiocarcinoma Foundation: From Advocacy to Collaboration Opportunities</b><br>Stacie Linsey, Founder and CEO of Cholangiocarcinoma Foundation  |
| 9:30am-9:45am   | <u>Refreshment Break, Posters and Exhibits</u>   |
| 9:45am-10:00am  | <b>Funding and Research Support for Liver and Pancreatic Cancer Research in Africa</b><br>Dr. Marius Nagalo, Little Rock, AR, USA / Ouagadougou, Burkina Faso  |
| 10:00am-11:00am | <b>AORTIC HepatoBiliary SIG Discussion</b><br>Prof. Lewis Roberts, Rochester, MN, USA  |
| 11:00am-11:20am | <b>US National Cancer Institute: Global Liver Cancer Portfolio Overview</b><br>Dr. James Alaro, Bethesda, Maryland, USA  |
| 11:20am-11:35am | <b>Capacity Building for Research in Liver, Biliary, and Pancreatic Cancer in Africa</b><br>Prof. Abubakar Bello, Immediate Past-President, AORTIC, Abuja, Nigeria   |
| 11:35am-12:30pm | <b>Moderated Discussion: Enhancing Funding, Capacity Building and Collaboration for HPB Cancers in Africa</b><br>Moderators: Dr. Desalegn, Prof. John Ward and Prof. Spearman<br>Panelists: All Speakers from Session 4              |
| 12:30pm-12:45pm | Awards Presentation (Poster, ILCA Fellowship, Pilot Grants)  |
| 12:45pm-1:15pm  | Closing Keynote Speaker – Looking to the Future: Cancer Control in Africa TBD  |
| 1:15pm-1:30pm   | <b>Closing Comments</b><br>Prof. Lewis Roberts   |



