



INTERNATIONAL CENTER FOR THE STUDY OF BREAST CANCER SUBTYPES (ICSBCS)

PRESENTS THE 7TH ANNUAL INTERNATIONAL SYMPOSIUM

# IMPROVING BREAST AND GYNECOLOGICAL CANCERS MANAGEMENT & OUTCOMES IN LOW AND MIDDLE-INCOME COUNTRIES (LMIC)

Monday, September 4th - Thursday, September 8th

9:00 AM - 5:00 PM DAILY

Transcorp Hotels - Calabar, Nigeria

CPD Accreditation by MDCAN, NMA, MLSCN





## EME DI O (WELCOME!!)

Dear Colleagues and Friends:

On behalf of the Weill Cornell Medicine (WCM), Morehouse School of Medicine and University of Calabar Teaching Hospital (UCTH), we are honored and pleased to welcome you to the International Center for the Study of Breast Cancer Subtypes (ICSBCS) 7th annual symposium being held in the ancient city of Calabar, Nigeria.

The theme for our symposium is "Improving Breast & Gynecological Cancers Management and Outcomes in Low- and Middle-Income Countries (LMIC)." We aim to achieve this goal through robust multidisciplinary discussion and interaction, as well as through enhanced collaboration between the oncology professionals that are affiliated with the ICSBCS network. The mission of the ICSBCS is to reduce the global breast and gynecological cancer burden through advances in research and delivery of care to diverse populations worldwide. Through research programs such as our "International Breast Registry," the ICSBCS improves insights regarding the biology of breast and gynecological cancers in diverse populations. Through educational projects such as our immunohistochemistry (IHC) training program and through clinical efforts such as our telemedicine tumor board conferences, the ICSBCS strengthens resources that are available for direct patient care.

We are profoundly grateful for the dedication and devotion that our colleagues have provided in order to make this dynamic symposium a reality. We would like to thank the leadership of the WCM, specifically Prof. Fabrizio Michelassi, Surgeon-in-Chief, WCM Department of Surgery, and Prof. Ikpeme A. Ikpeme, Chief Medical Director, and CEO University of Calabar Teaching Hospital, for supporting this important international symposium and allowing us to coordinate its ambitious program content. We also deeply appreciate support from National Cancer Institute (NCI) grant. We are extremely excited about the presentations and workshop that will take place here in Calabar over the next four days, and we enthusiastically look forward to the productivity of the enhanced multidisciplinary, international partnerships that will emerge as a consequence of the activities during our time together.

Yours sincerely,

Prof. Godwin A. Ebughe
Co-Chair Planning Committee

Dr. Kofi K. Gyan Co-Chair Planning Committee

## DAY ONE

## Monday, September 4, 2023

8:00 AM - 9:00 AM	Registration
9:00 AM - 9:10 AM	Introductions of Invited Dignitaries
9:10 AM - 9:15 AM	Welcome & Opening Remarks Prof. Lisa A. Newman, MD, MPH, FACS Chief, Division of Breast Surgery Director, Interdisciplinary Breast Program Medical Director, Int'l Center for the Study of Breast Cancer Subtypes Weill Cornell Medicine/NewYork-Presbyterian Hospital Network 2nd Vice President, American College of Surgeons
9:15 AM – 9:30 AM	Welcome & Opening Address Prof. Ikpeme A. Ikpeme Chief Medical Director and Chief Executive Officer University of Calabar Teaching Hospital Calabar – NIGERIA
9:30 AM - 9:45 AM	Address by Special Guest of Honor His Excellency Senator Prince Bassey Edet Otu Executive Governor of Cross River State Calabar – NIGERIA
9:45 AM - 10:15 AM	Group Photograph

## **PUBLIC HEALTH EPIDEMIOLOGY**

10:15 AM - 10:35 AM	Overview of Breast Cancer in Nigeria and Impact of ICSBCS at UNTH Prof. Emmanuel R. Ezeome, MD, MA, FWACS, FACS Professor of Surgery, University of Nigeria Teaching Hospital University of Nigeria, Nsuka College of Medicine Enugu, NIGERIA
10:35 AM - 10:55 AM	Overview of Breast Cancer in Ghana and Impact of ICSBCS at KATH Dr. Ishmael Kyei, MD, FWACS, FGCS Directorate of Surgery, Komfo Anokye Teaching Hospital Kumasi, GHANA
10:55 AM - 11:15 AM	Overview of Breast Cancer in Ethiopia and Impact of ICSBCS at SPHMMO Prof. Mahteme Bekele Muleta, MD Director, Directorate of Research and Development St. Paul's Hospital Millennium Medical College Addis Ababa, ETHIOPIA
11:15 AM - 11:30 AM	Coffee, Tea, Cocoa & Snack Break
11:30 AM - 11:50 AM	Overview of Gynecological Cancers in Nigeria

Senior Lecturer/Honorary Consultant, Department of Obstetrics & Gynecology

Dr. Uchenna Anthony Umeh, MD

Enugu, NIGERIA

University of Nigeria, Nsukka College of Medicine

11:50 AM - 12:10 PM **Overview of Gynecological Cancers in Ghana** Dr. Thomas Konney, MD, FWACS, FGCS Head, Directorate of Gynecological Oncology Komfo Anokye Teaching Hospital, Kumasi, GHANA 12:10 PM - 12:30 PM Overview of Breast Cancer in Machoska County in Kenya Dr. Sharon Mweni. MD County Director of Health – Medical Services County Research Coordinator, Machakos County, KENYA Lunch Break 12:30 PM - 1:30 PM Overview of Breast Cancer in Nigeria and Impact of ICSBCS at UCTH 1:30 PM - 1:50 PM Prof. Godwin Ebughe, MD Professor of Anatomic Pathology, University of Calabar Teaching Hospital Calabar, NIGFRIA **Overview of Breast & Gynecological Cancers in South Africa** 1:50 PM - 2:10 PM Prof. Zodwa Dlamini, PhD Professor of Molecular Oncology, University of Pretoria Pretoria, SOUTH AFRICA 2:10 PM - 2:30 PM Overview of Breast & Gynecological Cancers in Zambia & Opportunities for Cancer Care Dr. Musalwa Muyangwa-Senenova, PhD University of Zambia School of Medicine, Department of Physiological Sciences Lusaka, ZAMBIA 2:30 PM - 2:50 PM Overview of Breast & Gynecological Cancers in Antigua & Barbuda Dr. Albert Duncan, MD. FACS Medical Director, Sir Lester Bird Medical Center St. John, ANTIGUA & BARBUDA 2:50 PM - 3:10 PM Overview of Breast Cancer in Uganda and Opportunities for Breast Cancer Care Dr. Hawa Nalwoga, MBChB, M Med. Path, PhD, FCPath (ECSA) Department of Pathology, Makerere University/Mulago National Referral Hospital Kampala, UGANDA 3:10 PM - 3:30 PM **Overview of Gynecological Cancer in Uganda** Dr. Samuel Kalungi, MBChB, M Med. Path, PhD, FCPath (ECSA) Department of Pathology, Makerere University/Mulago National Referral Hospital Kampala, UGANDA

## SPECIAL PRESENTATION FROM NIGERIA

3:30 PM – 4:00 PM Breast and Gynecological Cancers: The Calabar Experience

**Prof. Thomas U. Agan, MD, FWACS** 

Professor of Obstetrics & Gynecology
Former Chief Medical Director and Chief Executive Officer
University of Calabar Teaching Hospital, Calabar – NIGERIA

## **DAY TWO**

## Tuesday, September 5, 2023

8:00 AM – 9:00 AM Registration Continues

9:00 AM – 9:10 AM Welcome & Overview Remarks from Day One

Prof. Thomas U. Agan, MD, FWACS

Professor of Obstetrics & Gynecology

Former Chief Medical Director and Chief Executive Officer University of Calabar Teaching Hospital, Calabar – NIGERIA

## SYMPOSIUM PLENARY SESSION & KEYNOTE ADDRESS

Twenty-Year Anniversary of the ICSBCS Prof. Lisa A. Newman, MD, MPH, FACS

Chief, Division of Breast Surgery, Director, Interdisciplinary Breast Program

Medical Director, Int'l Center for the Study of Breast Cancer Subtypes, Weill Cornell Medicine/NewYork-Presbyterian

2nd Vice President, American College of Surgeons

## TRANSLATIONAL GENOMICS/PRECISION MEDICINE

9:40 AM – 10:00 AM The Role of African Ancestry in Global Cancer Research

**Prof. Melissa B. Davis** 

Scientific Director, Int'l Center for the Study of Breast Cancer Subtypes

Director, Institute of Translational Genomics Medicine Morehouse School of Medicine, Atlanta, GEORGIA – USA

10:00 AM - 10:20 AM Identifying Breast Cancer Risk Signaling Pathways in Women with African Ancestry

Prof. Derek Radisky

Professor and Chair, Department of Cancer Biology, Mayo Clinic, Jacksonville, FLORIDA – USA

10:20 AM – 10:50 AM Coffee, Tea, Cocoa & Snack Break

## SURGERY

10:50 AM - 11:10 AM Surgical Management of Early-Stage Breast Cancer

Dr. Vivian J. Bea, MD, FACS

Chief, Division of Breast Surgery, NewYork-Presbyterian Brooklyn Methodist Hospital

Weill Cornell Medicine/Weill Cornell Medical College of Cornell University, Brooklyn, NEW YORK - USA

11:10 AM - 11:30 AM The Role of Surgery in Managing Locally Advanced Breast Cancer

Prof. Lisa A. Newman, MD, MPH, FACS

Chief, Division of Breast Surgery

Director, Interdisciplinary Breast Program

Medical Director, Int'l Center for the Study of Breast Cancer Subtypes Weill Cornell Medicine/New York Presbyterian Hospital Network

2nd Vice President, American College of Surgeons

11:30 AM – 11:50 AM The Role of Plastic Surgery in the Management of Breast Cancer

Prof. Adeyiza O. Momoh, MD

Professor of Plastic Surgery, University of Michigan Medical School/Michigan Medicine

Ann Arbor, MICHIGAN – USA

## **PATHOLOGY**

11:50 AM – 12:10 PM Processing of Breast Tissue for Optimal H&E, IHC and RNA/DNA Extraction & Sequencing

Dr. Ernest K. Adjei

Head, Laboratory Services Directorate, Komfo Anokye Teaching Hospital, Kumasi - GHANA

12:10 PM - 12:30 PM **Small Glandular Profrerations of Breast** 

Prof. Paula S. Ginter

Professor of Pathology & Laboratory Medicine, Breast Pathology New York University – Langone Hospital, Long Island, NEW YORK – USA

12:30 PM – 1:30 PM **Lunch Break** 

**RADIOLOGY** 

1:30 PM - 1:50 PM Breast Cancer Imaging in Low Resource Settings

**Prof. Melissa Durand** 

Professor of Radiology and Biomedical Imaging

Yale University School of Medicine, New Haven, CONNECTICUT - USA

**ONCOLOGY** 

1:50 PM - 2:10 PM The Role of Radiation Therapy in the Treatment of Breast Cancer

Prof. Onyinye D. Balogun

Professor of Clinical Radiation Oncology, Department of Radiation Oncology

Weill Cornell Medicine/Weill Cornell Medical College of Cornell University, New York, NEW YORK - USA

2:10 PM – 2:30 PM **Systemic Therapy** 

Dr. Haythem Y. Ali, MD

Henry Ford Cancer Institute/Wayne State University School of Medicine

Department of Medical Oncology, Detroit, MICHIGAN - USA

2:30 PM – 2:50 PM The Role of Radiation Therapy in the Treatment of GYN Neoplasms

Prof. Onyinye D. Balogun

Professor of Clinical Radiation Oncology, Department of Radiation Oncology

Weill Cornell Medicine/Weill Cornell Medical College of Cornell University, New York, NEW YORK - USA

**PALLIATION & INTEGRATIVE SERVICES** 

2:50 PM - 3:10 PM Palliative Care of Breast Cancer

Dr. Haythem Y. Ali, MD

Henry Ford Cancer Institute/Wayne State University School of Medicine

Department of Medical Oncology, Detroit, MICHIGAN - USA

3:10 PM - 4:00 PM Multidisciplinary Round Table Discussion of Selected Breast

& Gynecological Cancer Cases – Tumor Board Style

4:00 PM – 4:15 PM Closing Remarks

Prof. Thomas U. Agan, MD, FWACS

Consultant Obstetrics & Gynecology, Former CMD & CEO of UCTH, ICSBCS Local PI,

University of Calabar Teaching Hospital

Prof. Lisa A. Newman, MD, MPH, FACS

Director, Interdisciplinary Breast Program, Medical Director,

Int'l Center for the Study of Breast Cancer Subtypes

Weill Cornell Medicine/NewYork-Presbyterian Hospital Network

2nd Vice President, American College of Surgeons

4:10 PM - Till.... Relaxation, Networking & Continue the Conversation!

## DAYS THREE & FOUR

Wednesday & Thursday, September 6th & 7th, 2023

## SYMPOSIUM WORKSHOPS

#### **GENOMICS:**

- Bioinformatics
- Genomics Data Management
- Tissue Collection and Processing of Organoids
- Establishing and Maintaining 3D Organoid Cultures
- Blood Collection and Processing of PBMCs

#### **SURGERY:**

- Core Needle Biopsy Training
- Live Surgery Focusing on Mastectomy
- Axillary Node Dissection and Clearance Breast Conservation
- Breast Reconstruction
- Sentinel Lymph Node Dissection

#### **PLASTIC SURGERY:**

- Immediate Vs Delayed Post-Mastectomy Breast Reconstruction
- Pedicled Autologous Flap Reconstruction Techniques
- Implant Reconstruction Techniques

#### RADIOLOGY:

- Ultrasound-Guided Breast Biopsy Techniques
- Breast Imaging

#### **PATHOLOGY:**

- Interpretation of Breast Core Biopsies
- Quality Control in Biopsy Evaluation
- Uses of Cell Blocks for Immunohistochemistry
- Use of SLN & FNAC
- Cell Block Preparation in Cytology Lab
- Quality Management in the Immunohistochemistry Lab

#### **RADIATION ONCOLOGY:**

- Whole and Partial Breast Imaging and Planning for Radiotherapy
- Cervical Cancer Imaging and Planning: What every doctor must know

## PRESENTERS BIOGRAPHIES



Dr. Ernest Kwasi Adjei (Presenter & Workshop Facilitator) is a consultant pathologist at the Komfo Anokye Teaching Hospital (KATH), Kumasi, Ghana. He is currently the Head of Directorate of the Laboratory Services Directorate, KATH. He received his medical education at the Kwame Nkrumah University of Science and Technology (KNUST) school of Medical Sciences (SMS) in Kumasi Ghana, in 2003. He later completed his specialist training at the University Hospital of North Norway (UNN), Tromsø, in Norway in 2010. He is a Fellow of the Royal College of Pathologist in London, UK. He also has subspecialty training in uropathology, gynaepathology and forensic pathology from USA and South Africa respectively. He has membership with various professional associations, the major ones being Ghana Medical Association, Royal College of pathologists and African Society of Forensic Medicine (ASFM). He was a lecturer at KNUST-SMS from 2010 to 2016. He has special interest in breast pathology and have some peer-reviewed publications in this area.



Prof. Thomas U. Agan, B. Med. Sc. (Hons), MBBS, FWACS, FMCOG, FLCPS (Presenter) is a graduate of the University of Port Harcourt, Rivers State, Nigeria where he obtained a Bachelor of Medical Sciences in Anatomy and MBBS. He holds the Fellowship Certifications of the West African College of Surgeons, National Postgraduate College of Nigeria and the Liberian College of Physicians and Surgeons; all in the Faculty of Obstetrics and Gynecology. Prof. Thomas Agan is the immediate past Chief Medical Director of the University of Calabar Teaching Hospital and doubled as the Chair of Chief Medical Directors and Medical Directors of Federal Tertiary Health Institutions for four years. Since 2017 he has been the Principal Investigator for the Weill Cornell Medicine of Cornell University and Morehouse School of Medicine International Center for the Study of Breast Cancer Subtypoes (ICSBCS) Breast Cancer Research Program at the University of Calabar Teaching Hospital (UCTH site at Calabar, Nigeria. Prof. Thomas Agan has a deep passion for people with Breast and Gynecological Cancers.



Dr. Haythem Ali, MD (Presenter) graduated from the University of Baghdad in 1988. He completed his rotating internship at the medical city teaching hospital and one year of residency at the neurosurgical hospital in Baghdad before joining the internal medicine residency program at Providence Hospital in Southfield Michigan. He completed his internal medicine residency in 1996 and obtained his Internal Medicine board certification the same year. He completed his medical oncology training at Providence Hospital and at the University of Michigan completing his Fellowship in 1998 and obtained his Medical Oncology Board certification the same year. Dr. Ali practices medical oncology at Henry Ford Hospital in Detroit Michigan. He has an active clinical practice, and he is an active faculty member of the Hematology and Oncology fellowship program at Henry Ford Hospital as well as a clinical assistant professor at the Wayne State University School of Medicine. Dr. Ali's Clinical and academic interests are in the fields of breast cancer, lung cancer and head and neck cancer. Dr. Ali has a special interest in the use of targeted agents in the treatment of cancer as well as the integration of targeted agents with chemotherapy. Dr. Ali is an active participant in national and international trials through his active participation with the national cancer institute cooperative group research mechanism and numerous industries supported clinical trials. He is an active member of both the Southwest Oncology Group (SWOG) and NRG Oncology. Dr. Ali is an active member of the American Medical Association, American Society of Clinical Oncology, European society of clinical oncology and the Michigan Society of Hematology and Oncology.



Prof. Onyinye Balogun, MD (Presenter & Workshop Facilitator) is an Assistant Professor of Radiation Oncology at Weill Cornell Medicine specializing in the treatment of breast and gastrointestinal malignancies. She is a graduate of Harvard University and Yale University School of Medicine. Dr. Balogun initiated her residency training at the University of Chicago and completed her final year at New York University. She has conducted and published breast cancer research in novel therapeutics for triple negative breast cancer and brain metastases. She is also engaged in hepatocellular cancer research as well as global health activities with a focus on improving the delivery of radiation therapy in low- and middle-income countries. In radiation oncology, there is often a lot of emphasis on the technologies that a department possesses. At Weill Cornell Medicine, I deliver compassionate and personalized care to patients using the latest technologies not only in radiation oncology but all aspects of their care. Our multidisciplinary approach and collaboration across all disciplines (surgery, medical oncology, and radiation oncology) ensures that the treatment plan meets the unique needs (health, emotional, spiritual) of each individual patient. It is also important to me that each person feels empowered and informed throughout their treatment and for the duration of our relationship. I am fortunate to work in an environment where my patients and I can flourish.



**Prof. Vivian J. Bea, MD, FACS** (Presenter & Workshop Facilitator) is a board-certified breast surgical oncologist, was recently named section chief of breast surgical oncology at NewYork-Presbyterian Brooklyn Methodist Hospital. She also serves as assistant professor of surgery at Weill Cornell Medicine. She is a breast disparities researcher, educator, community outreach leader, entrepreneur, and best-selling children's book author. Dr. Bea attended Morehouse School of Medicine whose mission was to serve the underserved. After her matriculation from Morehouse, Dr. Bea continued to the Medical University of South Carolina General Surgery Residency training program in Charleston, SC. Dr. Bea was then awarded the highly coveted Breast Surgical Oncology fellowship position at the UT MD Anderson Cancer Center in Houston, TX. She then served as a breast surgical oncologist in the division of breast surgery at MD Anderson Cancer Center at Cooper in Camden, NJ where she chaired the Inflammatory Breast Cancer Program. Dr. Bea's primary research efforts have focused on modifiable risk factors and outcomes in ethnic populations. In the community, her primary initiative has been to bridge the gap between multidisciplinary breast cancer treatment and community barriers.



**Prof. Melissa B. Davis, PhD** (Presenter & Workshop Facilitator) Melissa B. Davis, PhD is an Associate Professor (interim) of Microbiology Biochemistry and Immunology at Morehouse School of Medicine, and Adjunct Assistant Professor Department of Surgery and Scientific Director of the International Center for the Study of Breast Cancer Subtypes at Weill Cornell Medicine in New York, NY. She is holds adjunct faculty appoints in the Department of Genetics at the University of Georgia in Athens, GA and in the Department of Population Health Sciences at Henry Ford Health System in Detroit, MI. Dr. Davis received her Ph.D. in Molecular Genetics at the University of Georgia (Athens, GA, USA) where she completed groundbreaking work in steroid hormone functions related to developmental biology. Following this, she completed Postdoctoral Fellowships in Functional Genomics and Systems Biology in Departments of Human Genetics at Yale School of Medicine (New Haven, CT, USA) and the University of Chicago, where she also trained at the U-Chicago Center for Interdisciplinary Health Disparities. This final stop in her training is where she began work in her current research interest: To identify biological mechanisms of racial disparities in cancer risk and clinical outcomes of cancer diagnoses. The Davis lab has produced findings that have proven that unique genetic signatures in both breast and prostate tumors of African and African American patients are enriched for mechanisms that correlate with aggressive tumor progression, which generate novel opportunities for precision medicine applications in minority populations. Her current work builds upon findings in her breast cancer research, where she has identified that and African-Ancestry allele, and the recently discovered tumor expression, of a gene named DARC (ACKR1) is linked to the tumor-specific immune/inflammatory response. Emerging findings of this project indicate that unique immune response in tumors of African Americans may be linked to worse clinical outcomes yet hold the potential for novel targeted therapies.



Dr. Albert Duncan, MD, FACS (Presenter) is a General and Acute Care Surgeon with special interest in Diseases of the Breast. He was a Clinical Associate Professor and Chief of General Surgery at the State University of New York (SUYN) Down State Medical Centre. Prior to that he was the Chairman of Surgery at the Brooklyn Hospital from 1997 – 2001. Presently he is the Medical Director of the Sir Lester Bird Medical Centre (formerly known as Mount St. John's Medical Centre). He is a graduate of The Medical College of Ohio at Toledo (Toledo University) and completed his residency training in General Surgery and fellowship in Trauma Critical Care at SUNY and Kings County Medical Centre. Dr. Duncan has dedicated most of his general surgery practice to the care of patients with breast disease. He was one of the early members of the Society of Breast Surgeons (Certificate #494). His interest continued in his present position at the Sir Lester Bird Medical Center evidenced by hosting two International Breast Symposia and multiple outreach and educational programs in Antigua and Barbuda. Presently he serves as the PI for the ICSBCS Research Program in Antigua and Barbuda along with other OECS patients treated by Sir Lester Bird Medical Centre.



Prof. Melissa Durand, MD (Presenter & Workshop Facilitator) is an Associate Professor in the Department of Radiology & Biomedical Imaging at the Yale School of Medicine and a Fellow of the Society of Breast Imaging. She is a fellowship-trained breast imager with a primary research role focused on breast cancer screening and diagnosis with Digital Breast Tomosynthesis (DBT). She served as the Yale principal investigator of a multisite collaborative DBT research group that co-authored several landmark papers on DBT. She is also the recipient of a Lion Heart Pilot grant to evaluate the clinical performance of synthesized mammography, a form of DBT that would reduce radiation rates by almost 50%. Dr. Durand has presented her work at international, national, and regional conferences and collaborated on several scientific manuscripts, review articles, and book chapters. In addition, she serves as the Yale Medical Liaison for Breast Imaging International Outreach and is the Program Manager for Breast Imaging for RAD-AID International, a non-profit organization that brings medical imaging to low-resource areas of the world. In this capacity, she is collaborating with radiologists in Ghana to establish the country's first breast imaging fellowship training program.



Prof. Godwin A. Ebughe (Presenter and Co- Chairman LOC) is a Professor of Anatomic Pathology at the Department of Pathology, University of Calabar Teaching Hospital, Calabar. He received his medical degree from the College of Medical Sciences, University of Calabar. He subsequently undertook his fellowship training in Anatomic Pathology at the National Post Graduate Medical College of Nigeria. During this training, he studied at the Obafemi Awolowo University Teaching Hospital in Ile Ife Osun State; Lagos University Teaching Hospital and the University of Calabar Teaching Hospital. His research interest is in the area of Endocrine related cancers with specific interest in Breast and Prostate Cancers. For these he has joined international research consortia International Center for the Study of the Study of Breast Cancer Subtypes (ICSBCS), based in Weill Cornell Medical Center of Cornell University in New York, and MADCap, also based in Dana Faber Cancer Centre in Boston, Massachusetts. Prof. Ebughe teaches undergraduate and post-graduate learners at the University of Calabar and National Postgraduate Medical College. He has authored and contributed to more than 80 articles in peer reviewed journals.



Prof. Emmanuel R. Ezeome MB; BS, MA, Bioethics, FWACS, FACS (Presenter) is the Director of the Oncology Center and the Head, General Surgery Division, University of Nigeria Teaching Hospital, Enugu, Nigeria. A Professor of Surgery at the College of Medicine, University of Nigeria Enugu and a Consultant Surgical Oncologist with the University of Nigeria Teaching Hospital Enugu, Dr Ezeome has in the past been the Associate Dean of the Faculty of Medical Sciences, University of Nigeria Nsukka. His medical education was at the University of Nigeria Medical School, and the Surgery Residency program of the University College Hospital Ibadan, Nigeria. He holds a Masters degree in Bioethics from Case Western Reserve University, Cleveland, Ohio. He was an International Guest Scholar of the American College of Surgeons, an ICRETTI grant recipient and Fogarty Fellow in Bioethics. Dr. Ezeome was the Chairman and Chief Examiners in Surgery, West African College of Surgery from 2015 to 2019 and currently is the 2nd Vice President, West African College of Surgeons. In his role as the Director of the Oncology Center of the University of Nigeria Teaching Hospital, he has pioneered the development of the first multidisciplinary comprehensive cancer treatment facility in Nigeria and the development of the Enugu Population

based Cancer Registry. He is a member of the Nigerian national system of Cancer Registries and also the National Steering Committee of the 2nd Nigerian Cancer Control plan. His areas of research interests are cancer epidemiology and cancer control in resource limited environments. Currently, he is involved as a site principal investigator in the African Female Breast Cancer Epidemiology (AFBRECANE) Study, an NIH funded study under the H3 Africa project to study the molecular epidemiology of breast cancer in African women. He has recently completed work as site PI on Nigerian Integrative Breast cancer study, a TRAPING supported NCD grant on different aspects of the molecular biology breast cancer in Nigeria.



**Prof. Paula Ginter, MD** (Presenter & Workshop Facilitator) is a board certified Anatomic and Clinical pathologist with a subspecialty interest in breast pathology. Her research interests are focused on the pathogenesis, diagnosis, and treatment of breast malignancies. Along with clinical responsibilities and research pursuits, Dr. Ginter is actively involved in resident and medical student education. Prior to joining the faculty of the Department of Pathology and Laboratory Medicine, Dr. Ginter completed residency training in Anatomic and Clinical Pathology at New York-Presbyterian Hospital/ Weill Cornell Medical Center, where she served as Chief Resident. She subsequently pursued subspecialty fellowship training in breast pathology at Weill Cornell under leading breast pathologists Dr. Syed A. Hoda and Dr. Sandra J. Shin. Dr. Ginter has contributed 20+ publications some of which in peer-reviewed journals and co-authored several chapters in A Comprehensive Guide to Core Needle Biopsies of the Breast, 2016. Dr. Ginter also conducted a short course at the annual ASCP meeting in 2016.



**Dr. Sam Kalungi, MB ChB, M Med. Path, PhD, FCPath (ECSA)** (Presenter) completed undergraduate training in Makerere University Medical School (now Makerere University College of Health Sciences) in 2000. In 2004 he completed his Master's degree in Pathology in Makerere University College of Health Sciences. He completed in PhD in the University of Bergen, Norway in 2011. Dr. Kalungi has worked in Mbale hospital located in the Eastern Part of Uganda; Ngora Freda Carr hospital and Jinja Hospital. He is currently working in Mulago National referral hospital as a Senior Consultant pathologist and the head of clinical laboratories in Mulago Hospital. Dr. Kalungi is an associate consultant with Uganda Cancer Institute in Kampala, Uganda. Dr. Kalungi also works as a part time lecturer/specialist pathologist in Makerere University College of Health Sciences, Department of Pathology and in Busitema University Faculty of Health Sciences. He has worked as an external examiner in a number of medical schools in Uganda. He has published a number of articles in scientific journals, including research articles on Breast Cancer. He continues to supervise research for a number of graduate students. He is a member of the steering committee for the development of Breast Health guidelines in Uganda. Dr. Kalungi has attended the ICBCS since 2017 and is one of the co-investigators in the Uganda site.



**Dr. Thomas Konney, MD** (Presenter) is a Fellow of the Ghana College as well as the West African College of Surgeons. He is an Honorary Consultant, Gynaecological Oncologist, Komfo Anokye Teaching Hospital and a Senior Lecturer, School of Medicine and Dentistry, Kwame Nkrumah University of Science and Technology. His principal area of clinical practice relates to advanced gynaecological cancers. He was on the American Society of Clinical Oncology (ASCO) expert panel for the development resource- stratified ovarian cancer guidelines, as well as on cervical cancer treatment guidelines with Kumasi City Cancer Challenge C/CAN and the NCCN Harmonised cervical, ovarian, vulva cancer treatment guidelines for sub-Sharan Africa with the Africa Cancer Coalition Dr. Konney's additional activities include provision of obstetric and gynaecologic services, teaching, supervision and mentorship for undergraduate medical students, and residents for Membership and Fellowship programmes with the Ghana College of Physicians and Surgeons as well as the West African College of Surgeons.



**Dr. Ishmael Kyei, MB ChB, FWACS, FGCS** (Presenter) is a General Surgeon/Breast Surgeon and a Senior Lecturer with the Department of Surgery, College of Health Sciences of the Kwame Nkrumah University of Science and Technology and the Komfo Anokye Teaching Hospital. He received his undergraduate training from the School of Medicine and Dentistry KNUST, He holds a Fellowship in General Surgery with both the Ghana and the West African College of Surgeons. He has received some training in Breast Cancer Management at the Weill Cornell Medicine NY. His research interest is Breast Cancer in African women and has co-authored over 30 peer reviewed articles spanning areas in General Surgery and Breast Cancer. He was on the expert panel for the development of the Breast Cancer guidelines for the Kumasi City Cancer challenge C/CAN. He is a member of the Breast Society of Ghana and the American Society of Clinical Oncology.



**Prof. Adeyiza O. Momoh, MD** (Presenter & Workshop Facilitator) is an Associate Professor of Surgery at the University of Michigan in Ann Arbor. He received his medical degree from Northwestern University in Chicago and completed his surgical training at the Baylor College of Medicine in Houston. He subsequently went through fellowship training in microsurgery at the Beth Israel Deaconess Medical Center of Harvard University. He specializes in breast reconstruction and microsurgery. His research interests are in optimizing outcomes of breast reconstruction and more recently, the role of breast reconstruction in global surgery. He has published over 60 papers in peer-reviewed journals and presents regularly at national surgical meetings. As an educator, he has won multiple teaching awards for his work in training plastic surgery residents. He currently serves as the program director for one of the top ranked plastic surgery training programs in the United States.



Prof. Mahteme Bekele Muleta, MD (Presenter) attended his undergraduate medical education and postgraduate general surgery training at Addis Ababa University, College of Health Science, and School of Medicine. He graduated in January 2011 as general surgeon and served the rural part of the country. He joined St. Paul's Hospital Millennium Medical College (SPHMM) Department of Surgery in 2012 as assistant professor. Prof. Muleta is a highly motivated surgeon who has served the college in different position as Emergency Directorate Director, Inpatient Directorate Director, and postgraduate program director of surgery. He has shown high leadership quality and brought changes in the different service areas. Prof. Muleta has led the postgraduate general surgery curriculum development and realization of the program. He is among the hospital team who has realized kidney transplant in the country. Prof. Muleta was promoted to a rank of full professor of surgery in 2022 and now he is the head of the Directorate of Research and Development, a member of the AC and medical senate. Prof. Muleta is a compassionate and respectful surgeon who is always trying to bring quality improvement in all areas of surgical care in the country. He is actively engaged in clinical service, breast cancer care and research. Prof. Muleta has been awarded the Best clinician and teacher/researcher award of the college in the year 2014/15.



**Dr. Musalwa Muyangwa-Senenova, MD** (Presenter) is a Lecturer/ Researcher in the School of Medicine in the University of Zambia. She received her BSc and MSc in Genetics, and her PhD in Biochemistry from Kazan Federal University. Her research interests' include identification of cancer biomarkers for risk assessment and treatment in African populations, and development of novel cancer treatment strategies in low to middle income countries.



Prof. Hawa Nalwoga, MB ChB, M Med. Path, PhD, FCPath (ECSA) (Presenter) is an Associate Professor and a Consultant Pathologist who has been involved in teaching, diagnostics and research at different Ugandan medical schools such as Makerere University College of Health Sciences, Mbarara University of Science and Technology, Kampala International University Teaching Hospital, Habib Medical School, and Islamic University in Uganda, for the last 14 years. Skilled in Breast Pathology as well as Breast Cancer research, she is involved in searching for molecular biomarkers in both African and Caucasian breast cancer. Through collaborative research projects with University of Bergen in Norway, she established a TMA database on about 220 African breast cancer series of Ugandan patients. Dr. Nalwoga's current interests are centered on cutting-edge innovative translational research in genomic analyses in tumor-microenvironment interactions, angiogenesis, and mechanisms of tumorigenesis and metastasis in triple negative breast cancer (TNBC). Dr. Nalwoga obtained a PhD at University of Bergen, Norway in 2010, which was in addition to Master of Medicine (Pathology) and Bachelor's degree in Medicine from Makerere University, Uganda. She is one of the founding members of the College of Pathologists of East,

Central, and Southern Africa. Professional bodies to which Dr. Nalwoga is affiliated include International Academy of Pathologists (IAP), East African Division of the International Academy of Pathologists, College of Association of Pathologists of East, Central and Southern Africa (APECSA), and Association of Pathologists of Uganda. She has co-authored in several articles on breast cancer, including the Breast Cancer Treatment Guidelines for Uganda, in peer-reviewed journals and has peer-reviewed scientific articles for PLOS ONE journal, African Health Sciences journal and East and Central African Journal of Surgery.



Prof. Lisa Newman, MD, MPH, FACS (Workshop Facilitator) is a surgical oncologist and with a clinical and research practice dedicated to breast cancer management. In August 2018 she was appointed Chief of the Section of Breast Surgery at NewYork-Presbyterian/Weill Cornell Medical Center and Weill Cornell Medicine. In addition, at the NewYork-Presbyterian David H. Koch Center, Dr. Newman leads the multidisciplinary breast oncology programs which provides the finest, most compassionate care to women and men affected by breast cancer. In this role, Dr. Newman leads a team of breast surgeons that uses state of-the-art screening and imaging technologies, innovative surgical and reconstruction techniques, and radiation therapies to provide patients with comprehensive breast cancer care. Previously, she worked at the Henry Ford Health System, where she served as director of the breast program covering multiple hospitals throughout Michigan since 2015. She is also the Founding Medical Director for the International Center for the Study of Breast Cancer Subtypes, which became headquartered at Weill Cornell Medicine with Dr. Newman's recruitment. Dr. Newman was Professor of Surgery and Director of the Breast Care Center for the University of Michigan in Ann Arbor,

Michigan, where she also served as Program Director for the Breast Fellowship from 2002 to 2015. Dr. Newman holds a Masters Degree in Public Health from Harvard University, and she also obtained her undergraduate education at Harvard University with a major in chemistry. She attended medical school and completed her general surgery residency training at the State University of New York Downstate Medical Center in Brooklyn. After leaving the University of Michigan she was appointed Adjunct Professor in the UM Department of Obstetrics and Gynecology. She also served previously as Associate Director for the Walt Breast Center at Wayne State University/Karmanos Cancer Institute for two years. Dr. Newman's primary research has focused on ethnicity-related variation in breast cancer risk and outcome, the evaluation and management of high-risk patients; broadened applications for neoadjuvant chemotherapy, and special surgical techniques such as the skin-sparing mastectomy and lymphatic mapping/sentinel lymph node biopsy. Her extensive research related to disparities in breast cancer risk and outcome has been published in numerous peer-reviewed medical journals and was featured in CNN's documentary "Black in America 2". Shehas also been the featured breast cancer medical expert for NBC's "Today Show" twice (2014 and 2017) as well on CBS Nightly News (2015). She maintains a highly active community service record, and currently serves as Chief National Medical Advisor for the Sisters Network, Inc., a national African American breast cancer survivors support organization. She oversees an international breast cancer research and training program involving a network of physicians and facilities in Ghana, Ethiopia, Nigeria, Uganda, Haiti, Barbados, and Canada. This program has focused on the study of triple negative breast cancer in women with African ancestry. Her work has been acknowledged via several awards, such as "Top Blacks in Health Care 2018"; Phenomenal African American Women of 2018"; "Esteemed Women of Michigan 2018"; Crain's "Health Care Hero" in 2017; 2012 Triple Negative Breast Cancer Foundation Hero Award; and the 2010 National Medical Association Woman in Medicine Award. She was named "Michiganders of the Year" in 2011; and an "Oprah's Angels" for breast cancer work by Oprah magazine in 2012. She has received the University of Michigan 2012 Community Service Award; the 2013 Sarah Goddard Power Award for Advancement of Women in Academic Medicine; and the 2015 Harold Johnson Diversity Award. She has been named one of Detroit's "Top Docs" and "Top Doctors of America" for several years. Dr. Newman has also been awarded the coveted title of Komen Scholar and was appointed to the Komen Scientific Advisory Board.



**Derek Radisky, Ph.D.** (Presenter) is a Professor and Chair of the Department of Cancer Biology at the Mayo Clinic, where he has been conducting cutting-edge research for over two decades. Dr. Radisky's extensive research experience is focused on the fundamental biology of the mammary gland, as well as the complex mechanisms that underlie the development of breast cancer.

At the forefront of Dr. Radisky's research program is the investigation of inductive signals from the microenvironment that drive the progression of breast cancer, with a specific focus on matrix metalloproteinases (MMPs). MMPs are a family of enzymes that are crucial for numerous physiological processes, but their inappropriate expression can contribute to the development of many diseases, including breast cancer. Dr. Radisky's work in this area is pioneering and innovative, utilizing physiologically relevant 3D cell culture assays, complex transgenic animal models, and investigations of tissue samples from human cohorts. These approaches

enable the identification of specific MMPs that are involved in particular disease processes, and how best to target their negative effects for therapeutic benefit.

Dr. Radisky's research program also investigates the earliest stages of breast cancer development. Specifically, his team is analyzing a cohort of more than 20,000 women diagnosed with benign breast disease (BBD) at the Mayo Clinic. By utilizing transcriptional profiling and pathological observations, Dr. Radisky aims to identify specific features that are most associated with the progression to invasive cancer. This information is then used in combination with animal and cell culture models to develop novel approaches to target cancer-associated processes, ultimately aiming towards the goal of breast cancer prevention.

Dr. Radisky is a renowned figure in the field of breast cancer research, collaborating with scientists from around the world, including those from the University of Barcelona, University of Florence, Karolinska Institute, University of Buenos Aires, Kyoto University, University of Hong Kong, and Queensland Institute of Technology, as well as with collaborators within the US and at the Mayo Clinic. His research has trained over 20 students and postdoctoral scientists, thus leaving an indelible mark on the next generation of scientists in the field.



**Dr. Uchenna Anthony Umeh, MBBS** (Presenter) obtained a Bachelor Science degree in Botany (BSc. Hons), Bachelor of Medicine & Bachelor of Surgery (MBBS) and MSc. in Human Reproduction from University of Nigeria Nsukka, He specialized in Obstetrics and Gynaecology from West Africa College of Surgeons (FWACS). He has attended several conferences (both local & international) and workshops where he presented papers. He has several publications and belongs to some professional bodies. He is currently a Senior lecturer at the Dept. of Obstetrics and Gynaecology, College of Medicine, University of Nigeria Ituku/Ozalla Enugu Nigeria, and Consultant Gynaeoncology unit University of Nigeria Teaching Hospital Ituku/Ozalla Enugu Nigeria.

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