WEDNESDAY, JANUARY 18

Concurrent Sessions 1-2
15:00-16:30 Cervical Cancer
Ballroom East

Session Chair: Lynette Denny, University of Cape Town, Cape Town, South Africa

Progress in scaling up cervical cancer prevention in health services of developing countries
Rengaswamy Sankaranarayanan, International Agency for Research on Cancer, Lyon, France

Title to be announced
Isaac Folorunso Adewole, Federal Ministry of Health, Abuja, Nigeria

The impact of premature death of women from preventable cancers, such as cervical cancer
Lynette Denny

Colorectal Cancer
Ballroom West

Session Chair: Raymond N. DuBois, Medical University of South Carolina, Charleston, SC

The role of inflammation and DNA mismatch repair in colorectal cancer
John M. Carethers, University of Michigan, Ann Arbor, MI

Aspirin for precision chemoprevention of colorectal cancer
Andrew T. Chan, Massachusetts General Hospital, Boston, MA

Bacterially associated transcriptional remodelling in a distinct molecular subtype of colorectal cancer provides a plausible mechanistic basis for disease development and progression
Katie Lennard, University of Cape Town, Cape Town, South Africa

16:30-17:00 Break
Old Harbour Lobby

17:00-18:15 Welcome and Opening Remarks
Grand Ballroom

Welcome from AACR International Affairs Committee Chair
Frank McCormick, UCSF Helen Diller Family Comprehensive Cancer Center, San Francisco, CA

Welcome from Conference Cochair
Peter A. Jones, Van Andel Research Institute, Grand Rapids, MI

17:30-18:15 Opening Keynote Lecture
Grand Ballroom

Session Chair: Peter A. Jones, Van Andel Research Institute, Grand Rapids, MI

Lgr5 stem cell-based organoids in human disease
Hans Clevers, Hubrecht Institute, Sciences & University Medical Centre Utrecht, and Princess Maxima Center for Pediatric Oncology, Utrecht, The Netherlands

18:30-20:00 Opening Reception
Old Harbour Lobby
THURSDAY, JANUARY 19

7:30-8:15  Panel Discussion / Daily Preview
Grand Ballroom

Moderator: Timothy Rebbeck, Dana-Farber Cancer Institute, Boston, MA

Panelists:
Peter W. Atadja, University of Health and Allied Sciences, Ho, Volta, Ghana
John M. Carethers, University of Michigan, Ann Arbor, MI
Lynette Denny, University of Cape Town, Cape Town, South Africa
Bruno Sangro, Clinica Universidad de Navarra, Pamplona, Spain

8:30-10:00  Plenary Session 1: Genomic Medicine
Grand Ballroom

Session Chair: John D. Carpten.
University of Southern California Keck School of Medicine, Los Angeles, CA

Accelerating precision cancer medicine through clinical computational oncology
Eliezer M. Van Allen, Dana-Farber Cancer Institute, Brookline, MA

The genetics and genomics of African esophageal cancer
Christopher G. Mathew, University of the Witwatersrand, Johannesburg, South Africa

Genomic insight on inflammation and prostate cancer etiology
Rick A. Kittles, University of Arizona Cancer Center, Tucson, AZ

Title to be announced
John D. Carpten

10:00-10:30  Break
Old Harbour Lobby

10:30-12:00  Plenary Session 2: DNA Repair
Grand Ballroom

Session Chair: Feyruz V. Rassool.
University of Maryland School of Medicine, Baltimore, MD

Oxidized 5-methylcytosine: At the interface of epigenetics and DNA repair
Gerd P. Pfeifer, Van Andel Research Institute, Grand Rapids, MI

Targeting DNA repair in cancer therapy
Alan D. D’Andrea, Dana-Farber Cancer Institute, Harvard Medical School, Boston, MA

Combination of DNA methyltransferase and PARP inhibitors as a novel therapy strategy for multiple cancers: Key data in AML and triple negative breast cancer
Feyruz V. Rassool

12:15-15:00  Poster Session A / Lunch
Old Harbour Lobby/Diaz/DeGama
15:00-16:30  Plenary Session 3: Epigenetics  
Grand Ballroom  

Session Chair: Stephen B. Baylin.  
Johns Hopkins University School of Medicine, Baltimore, MD  
Targeting human endogenous retroviruses for epigenetic therapy  
Peter A. Jones, Van Andel Research Institute, Grand Rapids, MI  
Multiple targetable pathways for epigenetic therapy  
Jean-Pierre J. Issa, Fels Institute, Temple University School of Medicine, Philadelphia, PA  
Title to be announced  
Stephen B. Baylin  

16:30-16:45  Break  
Old Harbour Lobby  

16:45-18:15  Plenary Session 4: Molecular Targets  
Grand Ballroom  

Session Chair: Peter W. Atadja.  
University of Health and Allied Sciences, Ho, Volta, Ghana  
New ways of targeting Ras  
Frank McCormick, UCSF Helen Diller Family Comprehensive Cancer Center, San Francisco, CA  
Moving towards precision medicine for melanoma  
Richard M. Marais, Cancer Research UK Manchester Institute, Manchester, United Kingdom  
Targeting the PRC2 complex through EED for anticancer therapy  
Peter W. Atadja  

18:15  Evening Off / Dinner on Own  

FRIDAY, JANUARY 20  

7:30-8:15  Panel Discussion / Daily Preview  
Grand Ballroom  

Moderator: Timothy Rebbeck.  
Dana-Farber Cancer Institute, Boston, MA  

Panelists:  
Christopher G. Mathew, University of the Witwatersrand, Johannesburg, South Africa  
Lorelei A. Mucci, Harvard School of Public Health, Boston, MA  
Luiz F. Zerbini, International Centre for Genetic Engineering and Biotechnology, Cape Town, South Africa
8:20-9:20  
**Mentoring Roundtables**
- Peter A. Jones, Van Andel Research Institute, Grand Rapids, MI
- Frank McCormick, UCSF Helen Diller Family Comprehensive Cancer Center, San Francisco, CA
- Lucile L. Adams-Campbell, Georgetown Lombardi Comprehensive Cancer Center, Washington, DC
- Peter W. Atadja, University of Health and Allied Sciences, Ho, Volta, Ghana
- Richard M. Marais, Cancer Research UK Manchester Institute, Manchester, England
- Jennifer Moodley, University of Cape Town, Cape Town, South Africa
- Olufunmilayo I. Olopade, University of Chicago Medical Center, Chicago, IL

9:20-9:30  
**Break**
Old Harbour Lobby

9:30-11:00  
**Concurrent Sessions 3-4**

**Prostate Cancer**  
Ballroom East

*Session Chair: Timothy Rebbeck*, Dana-Farber Cancer Institute, Boston, MA

- Multimodal genomics to improve precision for prostate cancer medicine  
  Robert G. Bristow, Princess Margaret Cancer Centre, University Health Network, Toronto, ON, Canada
- Emerging signaling pathways in prostate cancer therapy  
  Luiz F. Zerbini, International Centre for Genetic Engineering and Biotechnology, Cape Town, South Africa
- Title to be announced  
  Lorelei A. Mucci, Harvard School of Public Health, Boston, MA

**Liver Cancer**  
Ballroom West

*Session Chair: Anthony B. El-Khoueiry*,  
University of Southern California Keck School of Medicine, Los Angeles, CA

- The scourge of hepatocellular cancer in Africa  
  Eduard Jonas, University of Cape Town, Cape Town, South Africa
- Targeted therapies for hepatocellular carcinoma  
  Bruno Sangro, Clinica Universidad de Navarra, Pamplona, Spain
- Title to be announced  
  Anthony B. El-Khoueiry

11:00  
**Free Time / Lunch on Own**

12:00-17:30  
**Optional Afternoon Tour: Robben Island and the Robben Island Museum**
SATURDAY, JANUARY 21

7:30-8:15  Panel Discussion / Daily Preview  
Grand Ballroom

Moderator: Timothy Rebbeck, Dana-Farber Cancer Institute, Boston, MA

Panelists:
Nancy E. Davidson, Fred Hutchinson Cancer Research Center, Seattle, WA  
Raymond N. DuBois, Medical University of South Carolina, Charleston, SC  
Jay A. Levy, University of California, San Francisco, CA  
Olufunmilayo I. Olopade, University of Chicago Medical Center, Chicago, IL

8:30-10:00  Plenary Session 5: Immunotherapy  
Grand Ballroom

Session Chair: Jolanda de Vries,  
Radboud University Nijmegen Medical Centre, Nijmegen, Netherlands

A novel cancer-testis antigen protein microarray for autoimmune profiling in cancers: Diagnosis, stratification, and treatment monitoring  
Jonathan M. Blackburn, University of Cape Town, Cape Town, South Africa

Deciphering immune regulation and recognition at the tumor site  
Sergio Quezada, University College London Cancer Institute, London, England

Title to be announced  
Jolanda de Vries, Radboud University Nijmegen Medical Centre, Nijmegen, Netherlands

10:00-10:30  Break  
Old Harbour Lobby

10:30-12:00  Plenary Session 6: Prevention  
Grand Ballroom

Session Chair: Lucile L. Adams-Campbell,  
Georgetown Lombardi Comprehensive Cancer Center, Washington, DC

CXCL1 is critical for premetastatic niche formation and metastasis in colorectal cancer  
Raymond N. DuBois, Medical University of South Carolina, Charleston, SC

Precision prevention: Leveraging genomics to improve cancer control  
Timothy Rebbeck, Dana-Farber Cancer Institute, Boston, MA

Metabolic syndrome and breast cancer risk among black women: An exercise intervention  
Lucile L. Adams-Campbell

12:15-15:00  Poster Session B / Lunch  
Old Harbour Lobby/Diaz/DeGama
15:00-16:30  Plenary Session 7: Breast Cancer  
Grand Ballroom  

**Session Chair: Olufunmilayo I. Olopade.**  
University of Chicago Medical Center, Chicago, IL  
Pathways to breast cancer care in South Africa  
Jennifer Moodley, University of Cape Town, Cape Town, South Africa  
Title to be announced  
Nancy E. Davidson, Fred Hutchinson Cancer Research Center, Seattle, WA  
Genomic landscape of early onset breast cancer in women of African and European ancestry  
Olufumilayo I. Olopade  

16:30-16:45  Break  
Old Harbour Lobby  

16:45-18:15  Plenary Session 8: Viruses and Human Cancer  
Grand Ballroom  

**Session Chair: Jay A. Levy.** University of California, San Francisco, CA  
HIV, HTLV, and EBV infection and the development of cancer  
Jay A. Levy  
Prevention of hepatocellular carcinoma (HCC) with antiviral therapy  
Adrian M. Di Bisceglie, St. Louis University School of Medicine, St. Louis, MO  
Viral cancers: The forgotten culprits in the African cancer problem  
Patrick S. Moore, University of Pittsburgh Cancer Institute, Pittsburgh, PA  

18:15-18:30  Closing Remarks  
Grand Ballroom  

Peter A. Jones, Van Andel Research Institute, Grand Rapids, MI  
Frank McCormick, UCSF Helen Diller Family Comprehensive Cancer Center, San Francisco, CA  

18:30-21:00  Closing Reception  
Old Harbour Lobby  

**SUNDAY, JANUARY 22**  

Departure