

CONFERENCE PROGRAM

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

CONFERENCE PROGRAM

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

CONFERENCE PROGRAM

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

CONFERENCE PROGRAM

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

CONFERENCE PROGRAM

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

Olufunmilayo 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