

**AACR Virtual Special Conference: Endometrial Cancer: New Biology Driving Research and Treatment
November 9-10, 2020**

CONFERENCE PROGRAM

Conference Cochairs

Douglas A. Levine, NYU Langone Health, New York, NY

Blake Gilks, Vancouver Coastal Health Research Institute, Vancouver, BC, Canada

Victoria L. Bae-Jump, University of North Carolina Lineberger Comprehensive Cancer Center, Chapel Hill, NC

Five minute (5 slide max) audio poster short talks in a single poster session will be released at the start of the conference and available on-demand throughout

****Presentations will be prerecorded. Presentation times are as follows: Keynote (30 minutes and 10 minutes for live Q&A); other invited presentations (20 minutes and 10 minutes for live Q&A), short talks selected from proffered abstracts, if applicable (10 minutes and 5 minutes for live Q&A)****

MONDAY, NOVEMBER 9, 2020

10:00 AM-11:30 AM	WELCOME AND EDUCATION SESSION <i>Introduction by Douglas A. Levine, NYU Langone Health, New York, NY, C. Blake Gilks, Vancouver Coastal Health Research Institute, Vancouver, BC, Canada, Victoria L. Bae-Jump, University of North Carolina Lineberger Comprehensive Cancer Center, Chapel Hill, NC</i>
10:00 AM-10:30 AM	Management of newly diagnosed endometrial cancers and molecular classification Douglas A. Levine
10:30 AM-11:00 AM	Histopathology classification of endometrial cancers and surrogate markers of genomic subtypes C. Blake Gilks
11:00 AM-11:30 AM	Navigating the complex world of adjuvant treatments and clinical trials Victoria L. Bae-Jump
11:30 AM-11:45 AM	BREAK
11:45 AM-1:30 PM	PLENARY SESSION 1: Targeted Therapeutics

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*Session Chair: Victoria L. Bae-Jump, University of North Carolina
Lineberger Comprehensive Cancer Center, Chapel Hill, NC*

11:45 AM-12:15 PM	Challenges for future adjuvant studies and the role of immunotherapy in endometrial cancer Remi A. Nout , Leiden University Medical Center, Leiden, Netherlands
12:15 PM-12:45 PM	DNA damaging agents in endometrial cancer Shannon Neville Westin , The University of Texas MD Anderson Cancer Center, Houston, TX
12:45 PM-1:15 PM	Endocrine therapy and ER/PR combinations Helen J. MacKay , Odette Cancer Centre, Sunnybrook Health Sciences Centre, Toronto, ON, Canada
1:15 PM-1:30 PM	Preclinical development of SHetA2 for endometrial cancer therapy* Doris M. Benbrook , Stephenson Cancer Center, University of Oklahoma Health Sciences Center, Oklahoma City, OK
1:30 PM-1:45 PM	BREAK
1:45 PM-3:45 PM	PLENARY SESSION 2: Functional Genomics and Proteomics <i>Session Chair: Russell R. Broaddus, University of North Carolina School of Medicine, Chapel Hill, NC</i>
1:45 PM-2:15 PM	The mutational landscape of normal human endometrial epithelium Luiza Moore , Wellcome Trust Sanger Institute, Cambridge, England
2:15 PM-2:45 PM	Mismatch repair deficiency and survival in stage I endometrial cancer Russell R. Broaddus
2:45 PM-3:15 PM	Proteogenomic characterization of endometrial carcinoma David Fenyo , NYU Langone Health, New York, NY
3:15 PM-3:30 PM	Global proteomic profiling of endometrial carcinomas identify prognostic markers* Dawn R. Cochrane , BC Cancer Research Centre, Vancouver, BC, Canada
3:30 PM-3:45 PM	Multi-tissue transcriptome-wide association study identifies genetic mechanisms underlying endometrial cancer susceptibility* Tracy M. O'Mara , QIMR Berghofer Medical Research Institute, Brisbane, QLD, Australia

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3:45 PM-4:00 PM

BREAK

4:00 PM-5:00 PM

PLENARY SESSION 3: Immunotherapy

Session Chair: Dmitriy Zamarin, Memorial Sloan Kettering Cancer Center, New York, NY

4:00 PM-4:30 PM

Immunology of endometrial cancers: Tumor genetics, immune recognition, and immunotherapy response
Dmitriy Zamarin

4:30 PM-5:00 PM

Coordinated T and B cell responses exert immune pressure against malignant progression
Jose R. Conejo-Garcia, Moffitt Cancer Center, Tampa, FL

TUESDAY, NOVEMBER 10, 2020

10:00 AM-10:45 AM

KEYNOTE LECTURE

Introduction by Douglas A. Levine, NYU Langone Health, New York, NY

Recent progress with PTEN

Ramon Parsons, Icahn School of Medicine at Mount Sinai, New York, NY

10:45 AM-11:00 AM

BREAK

11:00 AM-12:30 PM

PLENARY SESSION 4: DNA Repair and Replication

Session Chair: Tjalling Bosse, Leiden University Medical Center, Leiden, Netherlands

11:00 AM-11:30 AM

Endometrial carcinomas with a mutation in DNA polymerase epsilon: A pathologist view
Tjalling Bosse

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11:30 AM-12:00 PM	POLE mutations in endometrial cancer: Consequences and mechanisms Polina V. Shcherbakova , University of Nebraska Medical Center, Omaha, NE
12:00 PM-12:15 PM	Multi-dimensional biomarker analyses identify pembrolizumab responders in advanced stage, high grade endometrial cancer* Katherine C. Fuh , Washington University School of Medicine, St. Louis, MO
12:15 PM-12:30 PM	CD73 sequestering mutant β-catenin at the membrane explains recurrence in <i>CTNNB1</i> mutant endometrial cancer* Jessica L. Bowser , University of North Carolina School of Medicine, Chapel Hill, NC
12:30 PM-12:45 PM	BREAK
12:45 PM-2:45 PM	PLENARY SESSION 5: Molecular Stratification <i>Session Chair: Jessica N. McAlpine, University of British Columbia, Vancouver, BC, Canada</i>
12:45 PM-1:15 PM	Molecular stratification: Beyond TCGA David Church , Wellcome Centre for Human Genetics, University of Oxford, Oxford, England
1:15 PM-1:45 PM	Molecular stratification: p53 abnormal endometrial carcinoma; the low-hanging fruit Naveena Singh , Barts Health NHS Trust, London, England
1:45 PM-2:15 PM	Molecular classification and stratification: Diving deeper Jessica N. McAlpine
2:15 PM-2:30 PM	Correlation of immunohistochemistry with <i>TP53</i> sequence and clinical outcomes in GOG-086P* Kimberly K. Leslie , University of Iowa, Iowa City, IA
2:30 PM-2:45 PM	Genomic characterisation of endometrial cancer patient-derived xenografts reveals intratumour heterogeneity* Olga Kondrashova , QIMR Berghofer Medical Research Institute, Brisbane, QLD, Australia
2:45 PM-3:00 PM	BREAK

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3:00 PM-5:00 PM

PLENARY SESSION 6: Novel Model Systems

*Session Chair: Victoria L. Bae-Jump, University of North Carolina
Lineberger Comprehensive Cancer Center, Chapel Hill, NC*

3:00 PM-3:30 PM

Breaking the obesity-endometrial cancer link: Lessons from preclinical studies

Stephen D. Hursting, University of North Carolina Chapel Hill, Chapel Hill, NC

3:30 PM-4:00 PM

Organoids to model endometrial carcinoma subtypes

David G. Huntsman, British Columbia Cancer Research Center, Vancouver, BC, Canada

4:00 PM-4:30 PM

Chromatin regulation of the endometrium: What are our models telling us?

Ronald L. Chandler, Michigan State University, Grand Rapids, MI

4:30 PM-4:45 PM

Identifying mechanisms of immune evasion in microsatellite instable endometrial cancer mouse models*

Brenda Melendez, The University of Texas MD Anderson Cancer Center, Houston, TX

4:45 PM-5:00 PM

Characterization of patient-derived xenograft models of endometrial cancer*

Kristina W. Thiel, University of Iowa, Iowa City, IA

*Short talk from proffered abstract