

An AACR Special Conference in Cancer Research
Endometrial Cancer: Transforming Care Through Science

November 16-18, 2023 | Sheraton Boston Hotel | Boston, MA

CURRENT AS OF 11/14/23

Conference Cochairs:

Victoria L. Bae-Jump, University of North Carolina, Chapel Hill, NC

Deborah F. DeLair, Northwell Health, Greenvale, NY

Douglas A. Levine, Merck Research Laboratories, Rahway, NJ

[R] REMOTE PRESENTATION

THURSDAY, NOVEMBER 16

Registration

4:00 pm-8:00 pm | Republic Foyer

Welcome and Education Session

Drs. Bae-Jump, DeLair and Levine

5:30 pm-5:35 pm | Republic Ballroom

Not CME-eligible

Welcome and Introduction

5:30-5:32

Deborah F. DeLair, Northwell Health, Greenvale, NY

5:32-5:34

Victoria L. Bae-Jump, University of North Carolina, Chapel Hill, NC

Education Session: Endometrial Cancer Basics

5:35 pm-6:35 pm | Republic Ballroom

Session Chair: Douglas Levine (Merck)

CME-eligible

5:35-5:55

Pathology of endometrial cancer: the evolution from basic histology to the molecular era

Deborah F. DeLair, Northwell Health, Greenvale, NY

5:55-6:15

Management of newly diagnosed endometrial cancers and molecular classification

Douglas A. Levine, Merck Research Laboratories, Rahway, NJ

6:15-6:35

Navigating the complex world of adjuvant treatments and clinical trials

An AACR Special Conference in Cancer Research
Endometrial Cancer: Transforming Care Through Science

November 16-18, 2023 | Sheraton Boston Hotel | Boston, MA

Victoria L. Bae-Jump, University of North Carolina, Chapel Hill,
NC

Break

6:35 pm-6:45 pm | Republic Foyer

Opening Keynote Address

6:45 pm-7:30 pm | Republic Ballroom

6:45-6:47

Introduction of Keynote Speaker

Victoria L. Bae-Jump, University of North Carolina, Chapel Hill, NC

6:47-7:30

The Future of Endometrial Cancer Research: Possibility and Purpose

Kemi M. Doll, University of Washington, Seattle, WA

CME-eligible

Poster Session A / Reception

7:30 pm-9:00 pm | Back Bay C-D (2nd floor)

FRIDAY, NOVEMBER 17

Continental Breakfast

7:00 am-8:00 am | Back Bay C-D (2nd floor)

Plenary Session 1: Prevention and Screening

8:00 am-10:00 am | Republic Ballroom

Session Chair: Heather L. Hampel, City of Hope

CME-eligible

8:00-8:30

New directions in prevention and early detection of endometrial cancers

Megan A. Clarke, National Cancer Institute, Bethesda, MD

8:30-9:00

Universal tumor screening for Lynch Syndrome versus germline multi-gene panel testing for all endometrial cancer patients

Heather L. Hampel, City of Hope, Duarte, CA

An AACR Special Conference in Cancer Research
Endometrial Cancer: Transforming Care Through Science

November 16-18, 2023 | Sheraton Boston Hotel | Boston, MA

- 9:00-9:30 **The WID-qEC test for simple and accurate endometrial cancer detection**
Martin Widschwendter, University College London, London, UK
- 9:30-9:45 **Highlighting the combined effects of BMI and polygenic risk score on endometrial cancer risk***
Tracy A. O'Mara, QIMR Berghofer Medical Research Institute, Brisbane QLD, Australia
- 9:45-10:00 **Proteomic profiling of endometrial carcinomas***
Dawn Cochrane, BC Cancer Cancer, Vancouver, BC, Canada

Break

10:00 am-10:20 am | Republic Foyer

Plenary Session 2: Disparities

10:20 am-12:00 pm | Republic Ballroom

Session Chair: Victoria L. Bae-Jump, University of North Carolina

CME-eligible

- 10:20 -10:50 **Racial disparities in guideline-concordant endometrial cancer treatment**
Ashely S. Felix, The Ohio State University, Columbus, OH
- 10:50 -11:20 **Racial disparities in high grade endometrial cancers**
Michele L. Coté, Indiana University, Indianapolis, IN

Panel Discussion: Disparities

11:20 am -12:00 pm | Republic Ballroom

Moderator: Victoria L. Bae-Jump, University of North Carolina

CME-eligible

- 11:20 -11:30 **Lisa Barr**, Uterine Task Force, Brooklyn, NY
- 11:30 -11:40 **Neighborhood socioeconomic status and outcomes of patients with endometrial cancer**
Charlotte R. Gamble, MedStar Washington Hospital Center, Washington, D.C.
- 11:40-12:00 Panel Discussion with Q&A

An AACR Special Conference in Cancer Research
Endometrial Cancer: Transforming Care Through Science

November 16-18, 2023 | Sheraton Boston Hotel | Boston, MA

Lunch on own

12:00 pm-2:00 pm

Plenary Session 3: Metabolic Liabilities

2:00 pm-4:00 pm | Republic Ballroom

Session Chair: Goutham Narla, University of Michigan

CME-eligible

- | | |
|-----------|--|
| 2:00-2:30 | Targeting Obesity for Endometrial Cancer Treatment
Victoria L. Bae-Jump, University of North Carolina, Chapel Hill, NC |
| 2:30-3:00 | Understanding field carcinogenesis in obesity-related endometrial cancer
Ronald L. Chandler, Michigan State University, East Lansing, MI |
| 3:00-3:30 | Therapeutic modulation of the serine/threonine phosphatase PP2A for the treatment of high grade endometrial cancers
Goutham Narla, University of Michigan, Ann Arbor, MI |
| 3:30-4:00 | Unique metabolic changes in Lynch syndrome-associated endometrial cancer
Melinda S. Yates, University of North Carolina, Chapel Hill, NC |

Break

4:00 pm-4:20 pm | Republic Foyer

Plenary Session 4: Targeted Therapeutics

4:20 pm-6:20 pm | Republic Ballroom

Session Chair: Rugang Zhang, MD Anderson Cancer Center

CME-eligible

- | | |
|-----------|---|
| 4:20-4:50 | Personalized adjuvant treatment in endometrial cancer
Tjalling Bosse, Leiden University Medical Center, Leiden, Netherlands |
| 4:50-5:20 | Epigenetic approaches to endometrial cancer
Rugang Zhang, MD Anderson Cancer Center, Houston, TX |
| 5:20-5:50 | Molecular diversity of uterine serous carcinoma
Alessandro D. Santin, Yale University, New Haven, CT |

An AACR Special Conference in Cancer Research
Endometrial Cancer: Transforming Care Through Science

November 16-18, 2023 | Sheraton Boston Hotel | Boston, MA

- 5:50 -6:05 **The Combination of the Glucagon Like Peptide-1 Receptor Agonist Semaglutide and the Progestin Levonorgestrel is Highly Effective in Preclinical Studies of Endometrial Cancer***
Kimberly K. Leslie, The University of New Mexico, Albuquerque, NM
- 6:05 -6:20 **CD73 is a novel repressor of mutant β -catenin oncogenic activity in endometrial cancer***
Rebecca M. Hirsch, University of North Carolina Chapel Hill, Chapel Hill, NC

Poster Session B / Reception

6:30 pm-8:00 pm | Back Bay C-D (2nd floor)

SATURDAY, NOVEMBER 18

Continental Breakfast

7:00 am-8:00 am | Back Bay C-D (2nd floor)

Plenary Session 5: Immune Landscape

8:00 am-10:00 am | Republic Ballroom

Session Chair: Deborah F. DeLair, Northwell Health

CME-eligible

- 8:00-8:30 **Spontaneous humoral responses in endometrial cancer provide a rationale for novel tumor-penetrating therapeutic antibodies**
Jose R. Conejo-Garcia, Duke University, Durham, NC
- 8:30-9:00 **Strategies to overcome immunotherapy resistance in endometrial cancer [R]**
Haider S. Mahdi, University of Pittsburgh, Pittsburgh, PA
- 9:00-9:30 **Recent Therapeutic Advancements in Advanced Endometrial Cancer [R]**
Vicky Makker, Memorial Sloan Kettering Cancer Center, New York, NY
- 9:30-9:45 **Patients with endometrial cancer and benign gynecologic conditions exhibit unique vaginal and rectal microbiomes***
Nicole R. Jimenez, University of Arizona, Phoenix, Arizona

An AACR Special Conference in Cancer Research
Endometrial Cancer: Transforming Care Through Science

November 16-18, 2023 | Sheraton Boston Hotel | Boston, MA

9:45-10:00 **ARID1A/B mutations retarget mSWI/SNF chromatin remodeler activity and define a spectrum of dedifferentiation in endometrial carcinoma***
Jessica D. St. Laurent, Brigham and Women's Hospital and Dana-Farber Cancer Institute, Boston, MA

Break

10:00 am-10:20 am | Republic Foyer

Plenary Session 6: Molecular Mechanisms

10:20 am-12:20 pm | Republic Ballroom

Session Chair: Jessica L. Bowser, University of North Carolina

CME-eligible

10:20-10:50 **Improving response to therapies: from bench molecular mechanisms to clinical trial design**
Katherine Fuh, University of California San Francisco, San Francisco, CA

10:50-11:20 **Novel genomic features of POLE-mutant tumors: the utility for tumor classification and identification of new driver alleles**
Polina Shcherbakova, University of Nebraska Medical Center, Omaha, NE

11:20-11:50 **Harnessing the unique biology of CD73 for improving endometrial cancer outcomes**
Jessica L. Bowser, University of North Carolina, Chapel Hill, NC

11:50-12:05 **Patient derived organoid as a model to study estrogen mediated endometrial cancer***
Breanna M.W. Jeffcoat, University of North Carolina Chapel Hill, Chapel Hill, NC

12:05-12:20 **Location, location, location: Why cellular localization of mutant β -catenin matters in endometrial cancer***
Molly L. Parrish, University of North Carolina Chapel Hill, Chapel Hill, NC

Closing Remarks

12:20 pm-12:30 pm

Douglas A. Levine, Merck Research Laboratories, Rahway, NJ

An AACR Special Conference in Cancer Research
Endometrial Cancer: Transforming Care Through Science
November 16-18, 2023 | Sheraton Boston Hotel | Boston, MA