

Full Program Schedule

◆ Wednesday, May 15

Pre-Conference Workshops at Gillings School of Global Public Health

9:30am – 11:00am	Pre-Conference Workshop A BLUE CROSS BLUE SHIELD AUDITORIUM, MICHAEL HOOKER RESEARCH CENTER Methods in Microbiome Research in 2019 Chair: Scott Bultman, PhD
9:30am	Overview of Microbiome Methods and Approaches in Cancer Research Scott Bultman, PhD
10:00am	Sequencing and Computational Methods for Microbiome Research Jason Arnold, PhD
10:30am	Methods and Applications of Gnotobiotic Mouse Models for Microbiome Research Balfour Sartor, MD

11:00am – 11:30am Break

11:30am – 1:00pm	Pre-Conference Workshop B BLUE CROSS BLUE SHIELD AUDITORIUM, MICHAEL HOOKER RESEARCH CENTER Methodological Approaches to Energy Balance, Metabolism and Cancer Research Chair: Stephen Hursting, PhD, MPH
11:30am	Integrating Pre-Clinical and Human Studies Stephen Hursting, PhD, MPH
11:50am	Mouse Models of Genetic Heterogeneity for Precision Nutrition Research Melissa VerHague, PhD
12:10pm	Eavesdropping on the Crosstalk Between Systemic Metabolism and Cancer Cell Intrinsic Metabolism <ul style="list-style-type: none">• Global Metabolomic Approaches—Delisha Stewart, PhD• Assessing Cellular Metabolic Responses to Nutrient Stress—Michael Coleman, PhD• Application of Single Cell Approaches—Shannon McDonell, MD/PhD student• Metabolic Reprogramming Interventions to Starve Cancer from the Outside and Inside—Alyssa Cozzo, PhD

◆ Wednesday, May 15 (continued)

11:30am – 1:00pm	Pre-Conference Workshop C 133 ROSENAU AUDITORIUM, ROSENAU HALL eHealth/mHealth Approaches to Weight Management and Physical Activity Promotion Co-Chairs: Deborah F. Tate, PhD and Carmina G. Valle, PhD, MPH
11:30am	Overview of eHealth/mHealth Approaches for Weight Management Deborah F. Tate, PhD
11:50pm	Digital Interventions for Weight Management and Physical Activity Promotion in Cancer Survivors Carmina G. Valle, PhD, MPH
12:10pm	Emerging Methods in eHealth / mHealth <ul style="list-style-type: none">• Recruitment Approaches Using Technology—Lindsey Horrell, PhD, MPH, RN• Monitoring and Promoting Engagement—Julianne Power, MS (PhD Student)• Building Just-in-Time Adaptive Interventions—Brooke T. Nezami, PhD, MA
1:00pm – 2:00pm	Lunch in Atrium (for Workshop registrants only) <i>Sponsored by The University of North Carolina at Chapel Hill Gillings School of Global Public Health</i>

AICR Conference Schedule

3:00pm – 3:15pm	Conference Opening and Welcome HILL BALLROOM Kelly B. Browning, CEO, American Institute for Cancer Research
3:15pm – 5:15pm	Opening Plenary Session HILL BALLROOM Beyond the Blueprint—Diet, Obesity, Physical Activity and Cancer Co-Chairs: Stephen Hursting, PhD, MPH and Wendy Demark-Wahnefried, PhD, RD
3:15pm	Beyond the Blueprint—Past and Future Research in Diet, Obesity, Physical Activity and Cancer Edward Giovannucci, MD, ScD
4:15pm	Keynote Address: Obesity, Metabolic Dysregulation and Cancer HILL BALLROOM Michael Pollak, MD
5:15pm – 5:30pm	Break
5:30pm – 7:30pm	Poster Session I (Cancer Risk and Prevention) and Reception OLD WELL WING AND FRONT PORCH

◆ Thursday, May 16

6:30am – 8:30am	Breakfast FRONT PORCH <i>Breakfast sponsored by the California Walnut Commission</i>
7:30am – 8:45am	Breakfast Session 1: Beyond BMI: New Data and New Technologies for Assessing Body Composition HILL BALLROOM Chair: Wendy Demark-Wahnefried, PhD, RD
7:30am	Beyond BMI: Bringing Body Composition into Oncology Practice Elizabeth C. Feliciano, ScD
8:00am	D3 Creatine—A New Gold Standard for Body Composition? William Evans, PhD
8:30am	Panel Discussion
7:30am – 8:45am	Breakfast Session 2: Cancer Prevention and Lifestyle Guidelines—Evidence to Action CHANCELLOR'S BALLROOM WEST Co-Chairs: Jill Reedy PhD, MPH, RD and June Stevens, PhD
7:30am	AICR/WCRF Cancer Prevention Recommendations—Navigating the Lifestyle Advice Landscape Elisa Bandera, MD, PhD
8:00am	The AICR Blueprint—Living Recommendations in Real Life Karen Collins, MS, RDN, CDN, FAND
8:30am	Panel Discussion
8:45am – 9:00am	Break
9:00am – 11:00am	Plenary Session 2: Mitigating Adverse Effects of Cancer and Its Treatment Through Diet, Exercise and Weight Management HILL BALLROOM Co-Chairs: Cynthia Thomson, PhD, RD and Kerri Winters-Stone, PhD
9:00am	Mitigating Adverse Effects of Cancer Treatment Through Exercise Interventions Kristin Campbell, PhD
9:30am	Optimizing Cancer Treatment Efficacy and Patient Outcomes Through Exercise Interventions Kerry Courneya, PhD
10:00am	Reducing Cancer Recurrence Risk and Mortality by Improving Diet and Weight Management Cynthia Thomson PhD, RD
10:30am	Panel Discussion
11:00am – 11:15am	Break

◆ Thursday, May 16 (continued)

11:15am – 12:30pm **Split Session 1: Inflammatory and Immune-Related Mechanisms Underlying Lifestyle-Cancer Links**

Chair: Scott Bultman, PhD

HILL BALLROOM

- 11:15am **Novel Cancer Prevention Strategies to Delineate Responses to Diet and Gut Microbial-Derived Bioactive Agents**
Robert Chapkin, PhD
- 11:45am **Diet-Physical Activity Interactions, Immunomodulation and Cancer**
Connie Rogers, PhD, MPH
- 12:15pm **Panel Discussion**

11:15am – 12:30pm **Split Session 2: Dissemination and Implementation Science—Getting Americans Moving and Eating Better**

CHANCELLOR'S BALLROOM WEST

Co-Chairs: Wendy Demark-Wahnefried, PhD, RD
and Kerri Winters-Stone, PhD

- 11:15am **Applying Implementation Science Across the Cancer Continuum**
April Oh, PhD, MPH
- 11:45am **Dissemination and Implementation Science—Application to Physical Activity Interventions Among Cancer Survivors**
Laura Rogers, PhD
- 12:15pm **Panel Discussion**

12:30pm – 2:00pm **Lunch**

2:00pm – 2:15pm **AICR Awards**

HILL BALLROOM

Kelly B. Browning

CEO, American Institute for Cancer Research

2:15pm – 5:00pm **Plenary Session 3: Obesity, Metabolism and Cancer—Integrating Systemic and Cell Intrinsic Signals**

HILL BALLROOM

Co-Chairs: Andrew Dannenberg, MD and Stephen Hursting, PhD, MPH

- 2:15pm **Obesity and Cancer: When Systemic Metabolism Meets Cancer Cell Metabolism**
Stephen Hursting, PhD, MPH
- 2:35pm **Metabolic Obesity in Normal Weight Women—Impact on Breast Cancer Risk and Outcomes**
Neil Iyengar, MD

3:10pm – 3:30pm **Break**

- 3:30pm **Exercise as Medicine for Metabolic Dysregulation and Sarcopenic Obesity in Survivors of Breast Cancer**
Christina Dieli-Conwright, PhD, MPH
- 4:05pm **Obesity, Metabolism and Cancer—Extending the Paradigm of Hormone-Dependent Cancer**
Michael Pollak, MD
- 4:20pm **Panel Discussion (plus Cornelia Ulrich, PhD, MS)**

5:00pm – 5:30pm Break

5:30pm – 7:30pm **Poster Session II (Cancer Outcomes and Survivorship)
and Reception**
OLD WELL WING AND FRONT PORCH

◆ **Friday, May 17**

6:30am – 8:30am **Breakfast**
FRONT PORCH

7:30am – 8:45am **Breakfast Session 3: Trials and Errors—Study Design and
Implementation Advice**
CHANCELLOR'S BALLROOM WEST
Chair: Jennifer Ligibel, MD

- Weight Loss Interventions—Jennifer Ligibel, MD
- Dietary Interventions—Cynthia Thomson, PhD, RD
- Physical Activity Interventions—Kerri Winters-Stone, PhD

Short talks followed by panel discussion

7:30am – 8:45am **Breakfast Session 4: Impact of Adherence to AICR/WCRF Cancer
Prevention Recommendations**
HILL BALLROOM

Co-Chairs: Jill Reedy PhD, MPH, RD and Martin Wiseman, MD

7:30am **Impact of Adherence to Recommendations on Cancer Risk and
Outcomes**
Giota Mitrou, PhD

8:00am **Development and Application of WCRF/AICR Adherence Score**
Marissa Shams-White, PhD, MPH

8:25am **Panel Discussion**

8:45am – 9:00am Break

9:00am – 11:00am **Closing Plenary: Three Years of Change and Progress—
Convergence of Oncology with Lifestyle**
HILL BALLROOM

Co-Chairs: Jennifer Ligibel, MD and Scott Bultman, PhD

9:00am **John Milner Poster Award**

9:05am **Lifestyle Impact on Response to Immunotherapy Mediated
Through the Microbiome**
Carrie Daniel-MacDougall, PhD

9:35am **Manipulating the Microbiome to Reduce the Toxicity of Systemic
Chemotherapy**
Aadra Bhatt, PhD

10:05am **Enhancing Therapeutic Efficacy of PI3K Inhibitors Through Dietary
Interventions**
Benjamin Hopkins, PhD

10:35am **Panel Discussion**

10:50am **Closing Remarks**