

AICR 2019 Research Conference Draft Program
Diet, Obesity, Physical Activity and Cancer - Beyond the Blueprint

Conference at a Glance

Wednesday May 15

9:30am – 1:00pm	Pre-Conference Workshops at Gillings School of Global Public Health
9:30am-11:00am	A. Methods in Microbiome Research in 2019
11:30am-1:00pm	B. Methodological Approaches to Energy Balance, Metabolism and Cancer Research
11:30am-1:00pm	C. eHealth/mHealth approaches to weight management and physical activity promotion
3:00pm- 5:00pm	Opening Plenary Session <i>Beyond the Blueprint—Diet, Obesity, Physical Activity and Cancer</i>
5:30pm - 7:30pm	Poster Session (Cancer Risk and Prevention) and Reception

Thursday May 16

6:30am – 8:00am	Breakfast
7:30am – 8:45am	Breakfast Session 1: <i>Beyond BMI: New Data and New Technologies for Assessing Body Composition</i>
	Breakfast Session 2: <i>Cancer Prevention and Lifestyle Guidelines—Evidence to Action</i>
9:00am – 11:00am	Plenary Session 2 <i>Mitigating Adverse Effects of Cancer and Its Treatment Through Diet, Exercise and Weight Management</i>
11:15am – 12:30pm	Split Session 1: <i>Inflammatory and Immune-Related Mechanisms Underlying Lifestyle-Cancer Links</i>
11:15am – 12:30pm	Split Session 2: <i>Dissemination and Implementation Science—Getting Americans Moving and Eating Better</i>
12:30pm – 2:00pm	Lunch
2:00pm – 5:00pm	Plenary Session 3 <i>Obesity, Metabolism and Cancer: Integrating Systemic and Cell Intrinsic Signals</i>
5:30pm - 7:30pm	Poster Session (Cancer Outcomes and Survivorship) and Reception

Friday May 17

6:30am – 8:00am	Breakfast
7:30am - 8:45am	Breakfast Session 3: <i>Trials and Errors—Study Design and Implementation Advice</i>
	Breakfast Session 4: <i>Impact of Adherence to AICR/WCRF Cancer Prevention Recommendations</i>
9:00am – 11:00am	Plenary Session 4 <i>Three Years of Change and Progress—Convergence of Oncology with Lifestyle</i>
11:00am	Conference Closes

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Pre-Conference Workshops in partnership with the University of North Carolina at Chapel Hill Gillings School of Global Public Health

Wednesday May 15: Pre-Conference Workshops at Gillings School of Global Public Health

9:30am - 11:00am	<p>Pre-Conference Workshop A: Methods in Microbiome Research in 2019 Chair: Scott Bultman, PhD</p>
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
11:00 – 11:30am	Break
11:30am – 1:00pm	<p>Pre-Conference Workshop B: Methodological Approaches to Energy Balance, Metabolism and Cancer Research Chair: Stephen Hursting, PhD, MPH</p>
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 – 1:00pm	<p>Eavesdropping on the Crosstalk Between Systemic Metabolism and Cancer Cell Intrinsic Metabolism</p> <p>Global Metabolomic Approaches—Delisha Stewart, PhD Assessing Cellular Metabolic Responses to Nutrient Stress—Michael Coleman, PhD Application of Single Cell Approaches—Shan McDonnell, MD/PhD student Metabolic Reprogramming Interventions to Starve Cancer from the Outside and Inside—Alyssa Cozzo, PhD</p>
1:00pm	Lunch in Atrium (<i>for pre-conference workshop registrants only</i>)
11:30am - 1:00pm	<p>Pre Conference Workshop C: eHealth/ mHealth approaches to weight management and physical activity promotion Co-Chairs: Deborah F. Tate, PhD and Carmina G. Valle, PhD, MPH</p>
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 – 1:00pm	<p>Emerging Methods in eHealth / mHealth</p> <p>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</p>
1:00pm	Lunch in Atrium (<i>for pre-conference workshop registrants only</i>)

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AICR 2019 Conference Planning Committee

Co-Chairs: Wendy Demark-Wahnefried (PhD, RD) and Stephen Hursting (PhD, MPH)

Members: Scott Bultman (PhD), Andrew Dannenberg (MD), Jennifer Ligibel (MD),
Jill Reedy (PhD, MPH, RD), Kerri Winters-Stone (PhD), Nigel Brockton (PhD)

AICR Conference Schedule

Wednesday May 15

3:00pm- 5:00pm	Opening Plenary Session Beyond the Blueprint—Diet, Obesity, Physical Activity and Cancer Co-Chairs: Stephen Hursting, PhD, MPH and Wendy Demark-Wahnefried, PhD, RD
3:00pm	Conference Opening and Welcome
3:15pm	Beyond the Blueprint—Past and Future Research in Diet, Obesity, Physical Activity and Cancer Edward Giovannucci, MD, ScD
4:00pm	Keynote Address: Obesity, Metabolic Dysregulation and Cancer Michael Pollak, MD
5:00pm - 5:30pm	Break
5:30pm - 7:30pm	Poster Session (Cancer Risk and Prevention) and Reception

Thursday May 16

6:30am – 8:00am	Breakfast
7:30am - 8:45am	Breakfast Session 1: Beyond BMI: New Data and New Technologies for Assessing Body Composition 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 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

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9:00am – 11:00am	Plenary Session 2: Mitigating Adverse Effects of Cancer and Its Treatment Through Diet, Exercise and Weight Management 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
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11:00am - 11:15am	Break
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11:15am – 12:30pm	Split Session 1: Inflammatory and Immune-Related Mechanisms Underlying Lifestyle-Cancer Links Chair: Scott Bultman, PhD
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
11:15am – 12:30pm	Split Session 2: Dissemination and Implementation Science—Getting Americans Moving and Eating Better Co-Chairs: Wendy Demark-Wahnefried, PhD, RD and Kerri Winters-Stone, PhD
11:15am	Applying Implementation Science Across the Cancer Continuum April Oh, PhD
11:45am	Dissemination and Implementation Science—Application to Physical Activity Interventions Among Cancer Survivors Laura Rogers, PhD
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12:30pm – 2:00pm	Lunch
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2:00pm	AICR Awards
2:15pm – 5:00pm	Plenary Session 3: Obesity, Metabolism and Cancer: Integrating Systemic and Cell Intrinsic Signals 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
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3:10pm – 3:30pm	Break
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Thursday May 16 (continued)	
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)
5:00pm – 5:30pm	Break

5:30pm – 7:30pm **Poster Session (Cancer Outcomes and Survivorship) and Reception**

Friday May 17	
6:30am – 8:00am	Breakfast
7:30am – 8:45am	Breakfast Session 3: Trials and Errors—Study Design and Implementation Advice Chair: Jennifer Ligibel, MD Weight Loss Interventions—Jennifer Ligibel, MD Dietary Interventions—Cynthia Thomson, PhD, RD Physical Activity Interventions—Kerri Winters-Stone, PhD <i>Short talks followed by panel discussion</i>
7:30am – 8:45am	Breakfast Session 4: Impact of Adherence to AICR/WCRF Cancer Prevention Recommendations 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	Plenary Session 4: Three Years of Change and Progress—Convergence of Oncology with Lifestyle Co-Chairs: Jennifer Ligibel, MD and Scott Bultman, PhD
9:00am	Lifestyle Impact on Response to Immunotherapy Mediated Through the Microbiome Carrie Daniel-MacDougall, PhD
9:30am	Manipulating the Microbiome to Reduce the Toxicity of Systemic Chemotherapy Aadra Bhatt, PhD
10:00am	Enhancing Therapeutic Efficacy of PI3K Inhibitors Through Dietary Interventions Benjamin Hopkins, PhD
10:30am	Panel Discussion
10:50am	Closing Remarks