

Conference Cochairs:

Jiyoung Ahn, New York University Perlmutter Cancer Center, New York, NY

Robert J. Coffey, Vanderbilt University Medical Center, Nashville, TN

Scott Kopetz, The University of Texas MD Anderson Cancer Center, Houston, TX

THURSDAY, OCTOBER 21

Welcome and Opening Keynote Address

11:00 am-11:45 am

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| 11:00-11:05 | Welcome and Introduction of Keynote Speaker
Scott Kopetz, The University of Texas MD Anderson Cancer Center, Houston, TX |
| 11:05-11:45 | Colorectal Cancer genetics- new opportunities for cancer prevention
Ulrike Peters, Fred Hutchinson Cancer Research Center, Seattle, WA |

Break

11:45 am-12:00 pm

Session 1: Early Onset/Epidemiology

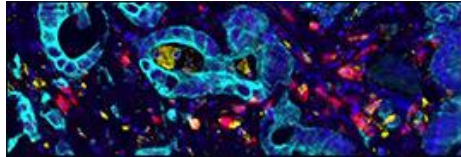
12:00 pm-1:40 pm

Session Chair: Jiyoung Ahn, New York University Perlmutter Cancer Center, New York, NY

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| 12:00-12:20 | Early-onset colorectal cancer: what have we learned and where do we go from here?
Caitlin C. Murphy, UT Health Science Center, Houston, TX |
| 12:20-12:40 | Society meets biology: Racial/ethnic disparities in early-onset colorectal cancer
Andreana N. Holowatyj, Vanderbilt University Medical Center, Nashville, TN |
| 12:40-1:00 | Colorectal cancer screening in adults 45 to 49 years old: different sides of the same coin?
Rachel Issaka, Fred Hutchinson Cancer Research Center, Seattle, WA |
| 1:00-1:40 | Q&A / Panel Discussion |

Break

1:40 pm-1:55 pm



Session 2: Microbiome

1:55 pm-3:15 pm

Session Chair: Jiyoung Ahn, New York University Perlmutter Cancer Center, New York, NY

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| 1:55-2:15 | Integrated Epidemiologic Research on Diet and Gut Microbiome for Improved Colorectal Cancer Prevention
Mingyang Song, Harvard University, Boston, MA |
| 2:15-2:35 | Beans to Enrich the Gut microbiome vs. Obesity's Negative Effects: first results from the BE GONE Trial in high-risk colorectal patients
Carrie R. Daniel-MacDougal, The University of Texas MD Anderson Cancer Center, Houston, TX |
| 2:35-2:55 | Mining the gut microbiota for novel procarcinogenic microbes reveals <i>Clostridioides difficile</i> as a driver of colonic tumorigenesis
Julia L. Drewes, Johns Hopkins Medicine, Baltimore, MD |
| 2:55-3:35 | Q&A / Panel Discussion |

Closing Remarks

3:35 pm-3:45 pm

Jiyoung Ahn, New York University Perlmutter Cancer Center, New York, NY

FRIDAY, OCTOBER 22

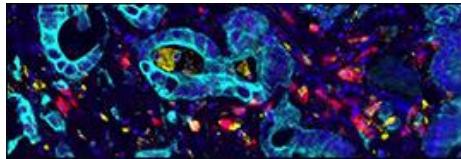
Keynote Address

11:00 am-11:45 am

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| 11:00-11:05 | Introduction of Keynote Speaker
Robert J. Coffey, Vanderbilt University Medical Center, Nashville, TN |
| 11:05-11:45 | High dose Vitamin C and inactivation of DNA repair boost colorectal cancer Immunotherapy
Alberto Bardelli, University of Turin School of Medicine, Candiolo, Italy |

Break

11:45 am-12:00 pm



Session 3: Clinical / Translational

12:00 pm-2:00 pm

Session Chair: Scott Kopetz, The University of Texas MD Anderson Cancer Center, Houston, TX

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| 12:00-12:20 | Colorectal Cancer: Strategies to make cold tumors hot
Aparna Parikh, Massachusetts General Hospital, Boston, MA |
| 12:20-12:40 | A Rectal Cancer Organoid Platform to Study Individual Responses to Chemoradiation
J. Joshua Smith, Memorial Sloan Kettering Cancer Center, New York, NY |
| 12:40-1:00 | Cells, gene programs, and spatially organized immune hubs in MMRd and MMRp colorectal cancer
Karin Pelka, Gladstone-UCSF Institute of Genomic Immunology, Gladstone Institutes, San Francisco, CA |
| 1:00-1:20 | Translating research into practice—refining RAS and tumor mutation burden (TMB) as predictive biomarkers in metastatic colorectal cancer
Jonathan Loree, Vancouver Coastal Health Research Institute, Vancouver, BC, Canada |
| 1:20-2:00 | Q&A / Panel Discussion |

Break

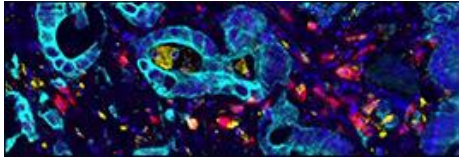
2:00 pm-2:15 pm

Session 4: Models

2:15 pm-4:15 pm

Session Chair: Robert J. Coffey, Vanderbilt University Medical Center, Nashville, TN

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| 2:15-2:35 | A pathomimetic Colorectal Cancer Chip
Hyun Jung Kim, University of Texas, Austin, TX |
| 2:35-2:55 | In vivo colorectal cancer modeling for research and personalized medicine
Jatin Roper, Duke University School of Medicine, Durham, NC |
| 2:55-3:15 | Modeling human colon cancer-associated biofilms and microbial toxin-induced tumorigenesis
Nicholas O. Markham, Vanderbilt University Medical Center, Nashville, TN |



3:15-3:35 Models of Colorectal Cancer Initiation Demonstrate Importance of
Differentiation Blocks
Nilay S. Sethi, Dana-Farber Cancer Institute, Boston, MA

3:35-4:15 Q&A / Panel Discussion

Closing Remarks

4:15 pm

Robert J. Coffey, Vanderbilt University Medical Center, Nashville, TN