

Addressing Resistance in the Development of Cancer Immune Modulator Therapeutics

A Collaborative Workshop Convened by the National Cancer Policy Forum Forum on Drug Discovery, Development, and Translation



2101 Constitution Ave., NW Lecture Room Washington, DC 20418

AGENDA

8:00 am	November 14, 2022 - Eastern Time Zone BREAKFAST AND REGISTRATION
8:30 am	WELCOME FROM THE NATIONAL CANCER POLICY FORUM
0.00 u	Planning Committee Co-Chairs:
	Samir N. Khleif, Georgetown University Medical Center
	George J. Weiner, Holden Comprehensive Cancer Center
8:40 am	KEYNOTE: IMPLICATIONS OF SCIENTIFIC INNOVATIONS ON HIGH-QUALITY CANCER CARE AND PATIENT OUTCOMES
	Elizabeth M. Jaffee, President's Cancer Panel; Johns Hopkins University (Virtual)
9:00 am	SESSION I: CRITERIA TO MOVE SINGLE AGENTS INTO CLINICAL TRIALS Co-Moderators:
	Samir N. Khleif, Georgetown University Medical Center
	Tom Curran, Children's Mercy Research Institute; Kansas City University
	Single Agent Activity Anti-PDI
	Suzanne L. Topalian, Johns Hopkins University
	Single Agent Activity Anti-Lymphocyte Activation Gene-3 Antibody
	Hussein Tawbi, MD Anderson Cancer Center
	Challenges in the Development of Agonist T Cell Antibody Therapy • John Janik, CullinanOncology
	Perspective on Resistance to CAR-T: Lessons from Blood Cancer • Stephan A. Grupp, Children's Hospital of Philadelphia (Virtual)
	FDA Regulatory Perspective: What has Changed and What is Missing?
	 Peter F. Bross, Center for Biological Evaluation and Research, Food and Drug Administration
	Panel Discussion
10:30 am	BREAK



10:40 am	SESSION 2: CURRENT CHALLENGES AND OPPORTUNITIES: SELECTION OF EXPERIMENTAL AGENTS IN COMBINATIONS Co-Moderators:
	Gideon Blumenthal, Merck
	Marc Theoret, Oncology Center of Excellence, Food and Drug Administration
	 Understanding Immune Therapy Efficacy, Preclinical Models, and Combination Resistance Samir N. Khleif, Georgetown University Medical Center
	Clinical Trials in PD-1/L1 Refractory Cancers • Jane A. Healy, Merck Research Labs
	 Anti-PDI and Epacadostat vs. IDO Inhibition: Lessons Learned Jason J. Luke, University of Pittsburgh Medical Center
	Intra-Lesional Approaches: Regulatory Issues
	George J. Weiner, Holden Comprehensive Cancer Center
	Panel Discussion
12:00 pm	LUNCH BREAK
1:00 pm	SESSION 3: CURRENT CHALLENGES AND OPPORTUNITIES: BIOMARKERS AND SURROGATE ENDPOINTS Co-Moderators: Kimryn Rathmell, Vanderbilt University Medical Center Chris Boshoff, Pfizer Inc (Virtual)
	Genetic Biomarkers: 9p21 Loss Drives Immune-Cold, Checkpoint-Inhibitor Resistance in HPV- Head and Neck Squamous Cancer • Teresa Davoli, NYU Langone Health (Virtual)
	Diagnostic Imaging • Marius Mayerhoefer, Memorial Sloan Kettering Cancer Center
	Immune Metabolism • Hildegund C.J. Ertl, The Wistar Institute
	Novel Surrogate Biomarkers for Immune Therapy Response and Resistance • Kimryn Rathmell, Vanderbilt University Medical Center
	Biomarkers and Imaging: Current Regulatory Landscape Reena Philip, Oncology Center of Excellence, Food and Drug Administration
	Surrogate Endpoint Development • Nicole Gormley, Center for Drug Evaluation and Research, Food and Drug Administration
	Panel Discussion
2:40 pm	BREAK
	DE WERSITE AND RRIEFING MATERIALS

2:50 pm	SESSION 4: CURRENT CHALLENGES AND OPPORTUNITIES:
2.50 piii	THE ROLE OF DATA AND COMPUTATIONAL TOOLS
	Co-Moderators:
	Nancy E. Davidson, Fred Hutchinson Cancer Center
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	Julie R. Gralow, American Society of Clinical Oncology
	Regulatory and Access Considerations in Mining Big Data
	Ahmad A. Tarhini, H. Lee Moffitt Cancer Center and Research Institute
	Alimad A. Tarriini, H. Lee Monitt Cancer Center and Research institute
	Advanced Computing Tools
	. •
	Jack D. Hidary, SandboxAQ (Virtual)
	Data Driven Annyosches for Modeling Personse and Peristance
	Data Driven Approaches for Modeling Response and Resistance
	Dana Pe'er, Memorial Sloan Kettering Cancer Center
	Lavanasina Baal Wauld Data ta Chanastanina Immuuna Balatad Advanaa Evanta
	Leveraging Real World Data to Characterize Immune Related Adverse Events
	Prakirthi Yerram, Flatiron Health
	Al Deta Salaman and BiaDeta Annuacahanta Anadamata and Francia December 1
	AI, Data Science, and BigData Approaches to Accelerate and Expand Research and
	Evaluation
	Usama Fayyad, Institute for Experiential Artificial Intelligence. Northeastern University
	n in:
4.00	Panel Discussion
4:20 pm	Closing Remarks
	Planning Committee Co-Chairs:
	Samir N. Khleif, Georgetown University Medical Center
	George J. Weiner, Holden Comprehensive Cancer Center
4.20	ADJOURNITO RECERTION MACCREATIVAL
4:30 pm	ADJOURN TO RECEPTION - NAS GREAT HALL
	November 15, 2022 - Eastern Time Zone
8:00 am	BREAKFAST AND REGISTRATION
0.00	
8:30 am	WELCOME AND OVERVIEW OF DAY 2
	Planning Committee Co-Chairs:
	Samir N. Khleif, Georgetown University Medical Center
	George J. Weiner, Holden Comprehensive Cancer Center
	George J. Weiner, Holden Comprehensive Cancer Center
8:40 am	SESSION 5: CRITERIA TO ASSESS CANCER IMMUNOTHERAPY COMBINATIONS
3 4	IN EARLY-PHASE CLINICAL TRIALS:
	TYPES OF CLINICAL TRIAL DESIGNS NEEDED FOR REGULATORY APPROVAL
	Co-Moderators:
	Roy S. Herbst, Yale Comprehensive Cancer Center (Virtual)
	Hedvig Hricak, Memorial Sloan Kettering Cancer Center
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	Novel Immunotherapy Clinical Trial Design
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	Keith T. Flaherty, Massachusetts General Hospital; Harvard Medical School
	Public Private Partnership Perspective
	Roy Herbst, Yale Comprehensive Cancer Center (Virtual)
	Selected Regulatory Considerations for Cancer Immunotherapeutic Combinations: Contribution of Individual Components to Effect of Combination
	 Marc Theoret, Oncology Center of Excellence, Food and Drug Administration
	National Cancer Institute Perspective on Novel Trial Designs for Immunotherapy Resistance
	Elad Sharon, NCI Cancer Therapy Evaluation Program
	An Industry Perspective
	Alexandra Snyder, Generate Biomedicines
	Challenges of Trial Design: Incorporating Pharmacodynamics
	Jedd Wolchok, Weill Cornell Medicine (Virtual)
	Panel Discussion
10:10 am	BREAK
10:20 am	SESSION 6: PANEL DISCUSSION
10.20 aiii	REFLECTIONS ON THE WORKSHOP AND NEXT STEPS TO OVERCOME
	RESISTANCE TO IMMUNE MODULATOR THERAPIES FOR CANCER TREATMENT
	Co-Moderators: George J. Weiner, Holden Comprehensive Cancer Center
	Scott M. Lippman, University of California, San Diego
	Panelists: Session I: Samir N. Khleif and Tom Curran
	Session 2: Gideon Blumenthal and Marc Theoret
	Session 3: Kimryn Rathmell and Chris Boshoff (Virtual)
	Session 4: Nancy E. Davidson and Julie R. Gralow
	Session 5: Roy S. Herbst (Virtual) and Hedvig Hricak
	Open Discussion
11:50 am	CLOSING REMARKS
	Planning Committee Co-chairs:
	Samir N. Khleif, Georgetown University Medical Center
	George J. Weiner, Holden Comprehensive Cancer Center
12:00 pm	ADJOURN

WORKSHOP WEBSITE AND BRIEFING MATERIALS