

Program Structure

5-Day Program

Days 1 & 2 – Basic tumor immunology and cancer immunotherapy topics

Days 3, 4, & 5 – In-depth topics with multi-track structure

Draft Program

Monday, February 18, 2019 (Basic Immunology at Play in Tumor Immunology)

Organizers in Attendance: Dr. Emens

7:30-8:30am	Breakfast – Ballroom D
8:30-9:00am	Welcome from Program Directors
9:00-10:00am	Topic 1 – Immunotherapy Overview: History of the Field Michael T. Lotze, MD— <i>University of Pittsburgh</i>
10:00-10:10am	Break
10:10-11:10am	Topic 2 – Biomarker Basics, Current Biomarkers (PD-L1, MSI, TMB) Priti S. Hegde, PhD— <i>Genentech</i>
11:10am-12:10pm	Topic 3 – Adaptive Immunity: Cellular Mechanisms and Signaling Stephen P. Schoenberger, PhD— <i>La Jolla Institute for Allergy and Immunology</i>
12:10-1:00pm	Lunch - Roundtables with Faculty 1 (informal conversation surrounding 1-2 topics; also opportunity for professional development) – Ballroom D
1:00-2:00pm	Topic 4 – Tumor Biology: Cellular Mechanisms and Signaling Francesco Marincola, MD, FACS – <i>Refuge Consulting</i>
2:00-3:00pm	Topic 5 – Tumor Immunosuppression Mechanisms Greg M. Delgoffe, PhD— <i>University of Pittsburgh</i>
3:00-3:15pm	Break
3:15-4:15pm	Topic 6 – Tumor Microenvironment: Complexity of Cells and Molecules Regulating Intratumoral Immunity Victor H. Engelhard, PhD - <i>University of Virginia School of Medicine</i>
4:15-5:15pm	Breakout Sessions 1 Topic A – Antigen Presentation – Ballroom A Stephen P. Schoenberger, PhD— <i>La Jolla Institute for Allergy and Immunology</i> Topic B – T Cell Exhaustion – Ballroom D Greg M. Delgoffe, PhD— <i>University of Pittsburgh</i> Topic C – Emerging Biomarkers – Ballroom G Priti S. Hegde, PhD— <i>Genentech</i>

Tuesday, February 19, 2019 (Translational Cancer Immunotherapy)

Organizers in Attendance: Dr. Butterfield, Dr. Emens, possibly Dr. Morse

8:00-9:00am	Breakfast – Roundtables with Faculty 2 – Ballroom D
9:00-10:00am	Topic 7 – Immunotherapeutic Strategy: Immune Checkpoint Blockade Sumit K. Subudhi, MD, PhD— <i>MD Anderson Cancer Center</i>
10:00-10:10am	Break
10:10-11:10am	Topic 8 – Immunotherapeutic Strategy: Adoptive Cell and CAR T Therapies Michael T. Lotze, MD— <i>University of Pittsburgh</i>
11:10am-12:10pm	Topic 9 – Immunotherapeutic Strategy: Can Cancer Vaccines Really Work? Lisa H. Butterfield, PhD— <i>The Parker Institute for Cancer Immunotherapy/UCSF</i>
12:10-1:00pm	Lunch - Roundtables with faculty 3 – Ballroom D
1:00-2:00pm	Topic 10 – Innate Immunity: Cellular Mechanisms and Signaling Lewis Lanier, PhD— <i>University of California, San Francisco</i>
2:00-3:00pm	Topic 11 – Methods to Assess and Discover Biomarkers Priti S. Hegde, PhD— <i>Genentech</i>
3:00-3:15pm	Break
3:15-4:15pm	Topic 12 – Immunity and Therapeutic Efficacy (Immunoscore) Jerome Galon, PhD— <i>Universite Pierre Et Marie Curie, Sorbonne Universites</i>
4:15-5:15pm	Breakout Sessions 2 Topic D – Cytokine-based Immunotherapies and Other Molecular Bispecifics, Other Immunotherapies – Ballroom A Michael T. Lotze, MD— <i>University of Pittsburgh</i> Topic E – T Cell Agonist – Ballroom D Aung Naing, MD, FACP – <i>MD Anderson Cancer Center</i> Topic F – Dendritic/ NK Cell Mechanisms – Ballroom G Lewis Lanier, PhD— <i>University of California, San Francisco</i>

Wednesday, February 20, 2019 (In-Depth Education)

Organizers in Attendance: Dr. Butterfield, Dr. Emens, Dr. Morse

7:30-8:00am	Breakfast – Ballroom D
8:00-9:00am	Topic 1 for All Attendees: Grantsmanship Mary L. Disis, MD— <i>University of Washington</i>
9:00-10:00am	Topic 2 for All Attendees: Presenting Your Data Leslie Cope, PhD— <i>Johns Hopkins School of Medicine</i>
10:00-10:10am	Break
10:10-11:10am	Breakout 1 Researchers Topic 1 – Transcriptional Analysis in Immune Oncology – Ballroom A Ena Wang, MD— <i>Allogene</i> Clinicians Topic 1 – Phase I Immunotherapy Clinical Trials – Ballroom G Michael A. Morse, MD - <i>Duke University Medical Center</i>
11:10am-12:10pm	Breakout 2 Researchers Topic 2 – Antigen Identification – Ballroom A Victor H. Engelhard, PhD - <i>University of Virginia School of Medicine</i> Clinicians Topic 2 – Phase II Immunotherapy Clinical Trials – Ballroom G Daniel P. Normolle, PhD - <i>University of Pittsburgh</i>
12:10-1:00pm	Lunch - Roundtables with Faculty 4 – Ballroom D

1:00-2:00pm	Breakout 3 Researchers Topic 3 – Pre-Clinical Animal Models – Ballroom A Karolina Palucka, MD, PhD— <i>The Jackson Laboratory for Genomic Medicine</i> Clinicians Topic 3 – Phase III Clinical Trials in Immunotherapy – Ballroom G Leisha A. Emens, MD, PhD – <i>UMPC Hillman Cancer Center</i>
2:00-3:00pm	Breakout 4 Researchers Topic 5: How to Handle Big/High-Throughput Data (Talk Led by a Biostatistician) – Ballroom A Leslie Cope, PhD— <i>Johns Hopkins School of Medicine</i> Clinicians Topic 4 – How to Get a Prognostic Biomarker out of Every Clinical Trial – Ballroom G Lisa H. Butterfield, PhD - <i>The Parker Institute for Cancer Immunotherapy/UCSF</i>
3:00-3:15pm	Break
3:15-4:15pm	Small Group Work/Hands on Session with Faculty Deep TCR and BCR Sequencing as a Biomarker for Cancer – Ballroom B Michael T. Lotze, MD— <i>University of Pittsburgh</i> Industry-led session: new agents – Ballroom C Ginna G. Laport, MD – <i>Tempest Therapeutics</i>

Thursday, February 21, 2019 (In-Depth Education)

Organizers in Attendance: Dr. Butterfield, Dr. Emens, Dr. Morse

7:30-8:00am	Breakfast – Ballroom D
8:00-9:00am	Topic 3 for All Attendees: Data and Statistical Analyses: Tips and Tricks (Data Presentation and Analysis) Daniel P. Normolle, PhD— <i>University of Pittsburgh</i>
9:00-9:10am	Break
9:10-10:10am	Breakout 5 Researchers Topic 4 – Tumor Cell Analyses (Pathology) – Ballroom A Ashley Cimino-Mathews, MD— <i>Johns Hopkins Hospital</i> Clinicians Topic 5: Autoimmunity and irAEs – Ballroom G Michael A. Morse, MD - <i>Duke University Medical Center</i>
10:10-11:10am	Breakout 6 Researchers Topic 6: Computational Biology/Machine Learning – Ballroom A Takis Benos, PhD— <i>University of Pittsburgh</i> Clinicians Topic 6: Biomarker-Based Clinical Trials – Ballroom G Jianda Yuan, MD, PhD – <i>Merck Research Laboratories</i>
11:10am-12:10pm	Topic 4 for All Attendees: From Seamless Trial Designs to Seamless Indications in Oncology—Regulatory Considerations for Tissue Agnostic Drug Development – Ballroom D Marc Theoret, MD – <i>U.S. Food and Drug Administration</i>
12:10-1:00pm	Lunch – Roundtables with Faculty 5 – Ballroom D
1:00-2:00pm	Breakout 7

	Researchers Topic 7: Synthetic Immunology: Harnessing the Tools of Synthetic Biology to Engineer Next-Generation Cell Therapies – Ballroom A Kole Roybal, PhD— <i>University of California, San Francisco</i> Clinicians Topic 7: Immunotherapy in Special Patient Populations – Ballroom G Michael A. Morse, MD - <i>Duke University Medical Center</i>
2:00-3:00pm	Breakout 8 Researchers Topic 8: Pre-Clinical Combination Immunotherapy – Ballroom A Karolina Palucka, MD, PhD— <i>The Jackson Laboratory for Genomic Medicine</i> Clinicians Topic 8: Combination Immunotherapies – Ballroom G Leisha A. Emens, MD, PhD – <i>UPMC Hillman Cancer Center</i>
3:00-3:15pm	Break
3:15-4:15pm	Small Group Work/Hands on Session with Faculty Development of a Translational Grant/ Idea – Ballroom B Mary L. Disis, MD— <i>University of Washington</i> Industry-Led Session: New Biomarkers – Ballroom C Jianda Yuan, MD, PhD – <i>Merck Research Laboratories</i>

Friday, February 22, 2019 (In-Depth Education)

Organizers in Attendance: Dr. Butterfield, Dr. Emens, Dr. Morse

7:30-8:00am	Breakfast – Ballroom D
8:00-9:00am	Topic 5 for All Attendees: FDA Regulation of Advanced Therapies Raj K. Puri, MD, PhD — <i>Food and Drug Administration</i>
9:00-10:00am	Topic 6 for All Attendees: FDA Regulatory Considerations for Cancer Vaccines and Cellular Immunotherapy Raj K. Puri, MD, PhD — <i>Food and Drug Administration</i>
10:00-10:10am	Break
10:10-11:10am	Breakout 9 Researchers Topic 9 – GMP: It's Not Science, It's Manufacturing – Ballroom A Lisa H. Butterfield, PhD - <i>The Parker Institute for Cancer Immunotherapy/UCSF</i> Clinicians Topic 9 – Clinical Endpoints – Ballroom G Michael A. Morse, MD - <i>Duke University Medical Center</i>
11:10am-12:10pm	Breakout 10 Researchers Topic 10 – Clinical Trial Basics De-Coded – Ballroom A Leisha A. Emens, MD, PhD – <i>UPMC Hillman Cancer Center</i> Clinicians Topic 10 – Patient Monitoring/ Education – Ballroom G Deborah Collyar – <i>Patient Advocates in Research</i>
12:10-1:00pm	Lunch - Roundtables with Faculty 6 – Ballroom D
1:00-2:00pm	Small Group Work/Hands on Session with Faculty Career Development Awards – Ballroom B Christian Capitini, MD— <i>University of Wisconsin - Carbone Cancer Center</i> Industry-Led Session: Careers in Industry – Ballroom C Ginna Laport, MD— <i>Tempest Therapeutics</i>
2:00-2:10pm	Break
2:10-3:10pm	Topic 7 for All Attendees – Perspective on Direction of the Field – Ballroom D Christian Capitini, MD— <i>University of Wisconsin - Carbone Cancer Center</i>