

SITC
2017

SITC 2017 Downloadable Schedule

Pre-Conference Programs • Nov. 8-9

Industry Program: Biomarkers Fair

Nov. 8, 2017

2nd World Immunotherapy Council Young Investigator Symposium

Nov. 8, 2017

Primer on Tumor Immunology and Cancer Immunotherapy™

Nov. 9, 2017

Workshop on Single Cell Techniques in Immunology and Cancer Immunotherapy

Nov. 9, 2017

32nd Annual Meeting • Nov. 10-12



Society for Immunotherapy of Cancer

#SITC2017

Primer on Tumor Immunology and Cancer Immunotherapy™

Thursday, November 9, 2017

8 – 8:05 a.m. **Welcome & Introductions**
 Nina Bhardwaj, MD, PhD – *The Tisch Cancer Institute at The Ichan School of Medicine at Mount Sinai*

Session I: Basic Immunology – A Brief Overview

8:05 – 8:35 a.m. **Innate Lymphocytes**
 Amir Horowitz, PhD – *Stanford University*

8:35 – 9:05 a.m. **Monocytes and Macrophages in Cancer**
 Vincenzo Bronte, MD – *University of Verona*

9:05 – 9:35 a.m. **Dendritic Cells and Antigen Presentation**
 A. Karolina Palucka, MD, PhD – *The Jackson Laboratory for Genomic Medicine*

9:35 – 10:05 a.m. **Adaptive Immunity**
 Jonathan Powell, MD, PhD – *Johns Hopkins University School of Medicine*

10:05 – 10:20 a.m. **Panel Questions and Answers**

10:20 – 10:35 a.m. *Break*

Session II: Treating Tumors with Passive Immunotherapy

10:35 – 10:40 a.m. **Session II Introduction**
 Nina Bhardwaj, MD, PhD – *The Tisch Cancer Institute at The Mount Sinai Medical Center*

10:40 – 11:10 a.m. **Cytokines: Interferons, Interleukins and Beyond**
 Jeffrey S. Miller, MD – *University of Minnesota*

11:10 – 11:40 a.m. **Adoptive T Cell Therapy**
 Cassian Yee, MD – *University of Texas MD Anderson Cancer Center*

11:40 – 12:10 p.m. **Monoclonal Antibodies and Bi-Specifics/Structure and Mechanism of Action**
 Charles G. Drake, MD, PhD – *Columbia University Medical Center*

12:10 – 12:25 p.m. **Panel Questions & Answers**

12:30 – 1:30 p.m. *Lunch*

Session III: Active Immunotherapy: Unleashing the Patient's Own Immune System

1:30 – 1:35 p.m. **Session III Introduction**
 Timothy N.J. Bullock, PhD – *University of Virginia*

1:35 – 2:05 p.m. **Targeting Regulatory Molecules in Cancer Therapy: New Insights and Opportunities**
 Michael A. Curran, PhD – *University of Texas MD Anderson Cancer Center*

2:05 – 2:35 p.m. **Cancer Vaccines**
 Ross Kedl, PhD – *University of Colorado School of Medicine*

2:35 – 2:50 p.m. **Panel Questions & Answers**

2:50 – 3:05 p.m.

Break

Session IV: Immune Monitoring: Figuring out How it All Works

3:05 – 3:10 p.m.

Session IV Introduction

Timothy N.J. Bullock, PhD – *University of Virginia*

3:10 – 3:40 p.m.

Immune Monitoring and Next Generation

Sacha Gnajatic, PhD – *Icahn School of Medicine at Mount Sinai*

3:40 – 4:10 p.m.

On The Horizon: IO Combinations

Jeffrey Sosman, MD – *Northwestern University*

4:10 – 4:40 p.m.

Biomarkers – Mutational Load

Timothy A. Chan, MD, PhD – *Memorial Sloan Kettering Cancer Center*

4:40 – 4:55 p.m.

Panel Questions & Answers

4:55 – 5 p.m.

Closing Remarks

Timothy N.J. Bullock, PhD – *University of Virginia*

Workshop on Single Cell Techniques in Immunology and Cancer Immunotherapy

Thursday, November 9, 2017

8 – 8:05 a.m. **Opening Remarks**

Session I: Tumor Heterogeneity and Evolution under Immune Pressure and Treatment

8:05 – 8:30 a.m. **T Cell Plasticity and Cancer Immunoediting**
Charles Swanton, MD, PhD, FRCP – *University College London*

8:30 – 8:55 a.m. **Tumor Neoantigens and Presentation and Recognition**
James R. Heath, PhD – *California Institute of Technology*

8:55 – 9:20 a.m. **Evolution of Neoantigen Landscapes**
Victor E. Velculescu, MD, PhD – *Johns Hopkins University School of Medicine*

9:20 – 9:45 a.m. **Break**

Session II: Tumor Immune Microenvironment

9:45 – 10:10 a.m. **T Cell Differentiation in the Tumor Microenvironment**
Ana C. Anderson, PhD – *Harvard Medical School*

10:10 – 10:35 a.m. **Tumor Microenvironment Changes After Immuno-Oncology**
Nir Hacohen, PhD – *Massachusetts General Hospital*

10:35 – 11 a.m. **Myeloid Cells in Lung Tumors Using CyTOF**
Miriam Merad, MD, PhD – *Icahn School of Medicine at Mount Sinai*

11 – 11:25 p.m. **Computational Methods for Analyzing Single Cells in the Tumor Microenvironment**
Dana Pe'er, PhD – *Columbia University*

11:25 – 11:50 a.m. **Macrophages in Kidney Cancer Using CyTOF**

11:50 a.m. – 12:15 p.m. **Mass Spectrometry and Basic Spatial Imaging Methods of Tissues**
Michael Angelo, MD, PhD – *Stanford University*

12:15 – 1 p.m. **Lunch**

Session III: Predictor Response & Liquid Biopsy

1 – 1:25 p.m. **PDL1 Response**
Priti Hegde, PhD – *Genentech*

1:25 – 1:50 p.m. **Pre & Post PD1**

1:50 – 2:15 p.m. **Analysis of Circulating Tumor DNA/Tumor Cells**

2:15 – 2:40 p.m. **Influence of Gut Microbiome upon PD1/I-O Responses**
Jennifer A. Wargo, MD, MMSc – *University of Texas MD Anderson Cancer Center*

2:40 – 3:05 p.m. **Break**

Session IV: How to Apply Single Cell to Your Research

3:05 – 4:05 p.m.	Discussion on Experimental and Computational Methods
4:05 – 4:55 p.m.	Faculty Panel Discussion
4:55 – 5 p.m.	Closing Remarks

32nd Annual Meeting

Friday, November 10, 2017

8 – 8:05 a.m. **Presidential Welcome**
Lisa H. Butterfield, PhD – *University of Pittsburgh*

Update Session

8:05 – 8:35 a.m. **Session Under Development**

Keynote Address

8:35 – 8:40 a.m. **Introduction**
Lisa H. Butterfield, PhD – *University of Pittsburgh*

8:40 – 9:20 a.m. **Keynote Address**
Stephan Grupp, MD, PhD – *University of Pennsylvania*

9:20 – 9:25 a.m. **Question & Answer**
Stephan Grupp, MD, PhD – *University of Pennsylvania*

Science Behind the Therapy: Mechanisms of Efficacy & Toxicity

Co-Chairs:

Kevan Herold, MD – *Yale University*

Arlene Sharpe, MD, PhD – *Harvard Medical School*

9:25 a.m. – noon **Session Under Development**

Late-Breaking Abstract Session I

noon – 12:15 p.m. **Oral Abstract Presentation**

12:15 – 12:30 p.m. **Oral Abstract Presentation**

12:30 – 2 p.m. *Lunch and Poster Viewing*

Building Personalized Vaccines and Technologies for Hematologic Malignancies and Solid Tumors

Co-Chairs:

Catherine J. Wu, MD – *Dana-Farber Cancer Institute*

Matthew M. Gubin, PhD – *Washington University School of Medicine*

2 – 2:05 p.m. **Introduction**
Matthew M. Gubin, PhD – *Washington University School of Medicine*

2:05 – 2:25 p.m. **Preclinical & Mouse Models**
Matthew M. Gubin, PhD – *Washington University School of Medicine*

2:25 – 2:45 p.m. **Tumor Vaccines in AML**
David E. Avigan, MD – *Beth Israel Deaconess Medical Center*

2:45 – 3:05 p.m. **Improvement in Epitope Discovery**
Catherine J. Wu, MD – *Dana-Farber Cancer Institute*

3:05 – 3:20 p.m. **Oral Abstract Presentation**

High Impact Clinical Trial Results

Chair:

Mario Sznol, MD – *Yale School of Medicine*

3:20 – 3:40 p.m.	Oral Abstract Presentation
3:40 – 3:55 p.m.	Oral Abstract Presentation
3:55 – 4:10 p.m.	Oral Abstract Presentation
4:10 – 4:25 p.m.	Oral Abstract Presentation
4:25 – 4:40 p.m.	Expert Discussant Samir N. Khleif, MD – <i>Georgia Cancer Center</i>

4:40 – 5:05 p.m.	<i>Break</i>
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Concurrent Session I: Oncolytic Viruses and Intratumoral Therapies

Co-Chairs:

Howard L. Kaufman, MD, FACS – *Rutgers Cancer Institute of New Jersey*

Samuel Rabkin, PhD – *Massachusetts General Hospital*

5:05 – 5:10 p.m.	Introduction Howard L. Kaufman, MD, FACS – <i>Rutgers Cancer Institute of New Jersey</i>
5:10 – 5:30 p.m.	CAVATAK and Pembrolizumab Results Howard L. Kaufman, MD, FACS – <i>Rutgers Cancer Institute of New Jersey</i>
5:30 – 5:50 p.m.	Oncolytic Herpes Simplex Virus in Glioblastoma Samuel Rabkin, PhD – <i>Massachusetts General Hospital</i>
5:50 – 6:10 p.m.	Oncolytic Virus Clinical Data Brian D. Lichty, PhD – <i>McMaster University</i>
6:10 – 6:25 p.m.	Oral Abstract Presentation
6:25 – 6:30 p.m.	Closing Remarks Samuel Rabkin, PhD – <i>Massachusetts General Hospital</i>

Concurrent Session II: Energizing Immune Cell Metabolism in Cancer

Co-Chairs:

Nicholas P. Restifo, MD – *National Cancer Institute*

Susan M. Kaech, PhD – *Yale University*

5:05 – 5:25 p.m.	Anti-Tumor T Cells: You Are What You Eat Susan M. Kaech, PhD – <i>Yale University</i>
5:25 – 5:45 p.m.	Epigenetic Metabolic Control of T Cell Epigenetics Nicholas P. Restifo, MD – <i>National Cancer Institute</i>
5:45 – 6:05 p.m.	Metabolic Changes in Tumor Microenvironment Greg M. Delgoffe, PhD – <i>University of Pittsburgh</i>
6:05 – 6:20 p.m.	Oral Abstract Presentation

6:20 – 6:35 p.m. **Closing Remarks**
Nicholas P. Restifo, MD – *National Cancer Institute*

Social Activity

6:30 – 7:45 p.m. *Poster Reception*

Saturday, November 11, 2017

8 – 8:05 a.m. **Organizer Welcome**
Charles G. Drake, MD, PhD – *Columbia University Medical Center*

Update Session

8:05 – 8:35 a.m. **Session Under Development**

2017 Richard V. Smalley, MD Memorial Award and Lectureship

8:35 – 8:40 a.m. **Introduction**
Lisa H. Butterfield, PhD – *University of Pittsburgh*

8:40 – 9:20 a.m. **Activation of Innate and Adaptive Immunity as an *In Situ* Cancer Vaccine**
Paul M. Sondel, MD, PhD – *University of Wisconsin, Madison*

9:20 – 9:25 a.m. **Question & Answer**
Paul M. Sondel, MD, PhD – *University of Wisconsin, Madison*

Mechanisms of Acquired Resistance to Immunotherapies

Co-Chairs:

Katerina Politi, PhD – *Yale School of Medicine*

Antoni Ribas, MD, PhD – *University of California, Los Angeles*

9:25 – 9:30 a.m. **Introduction**
Katerina Politi, PhD – *Yale School of Medicine*

9:30 – 9:55 a.m. **Acquired Resistance Checkpoint Inhibitors in Lung Cancer**
Katerina Politi, PhD – *Yale School of Medicine*

9:55 – 10:20 a.m. **Acquired Resistance**
Antoni Ribas, MD, PhD – *University of California, Los Angeles*

10:20 – 10:45 a.m. *Break*

10:45 – 11:10 a.m. **Acquired Resistance in Melanoma**
Annette Paschen, MD – *University Clinics of Mannheim*

11:10 – 11:25 a.m. **Oral Abstract Presentation**

11:25 – 11:40 a.m. **Oral Abstract Presentation**

11:40 – 11:55 a.m. **Oral Abstract Presentation**

11:55 a.m. – noon **Closing Remarks**
Antoni Ribas, MD, PhD – *University of California, Los Angeles*

Late-Breaking Abstract Session II

noon – 12:15 p.m. **Oral Abstract Presentation**

12:15 – 12:30 p.m. **Oral Abstract Presentation**

12:30 – 2 p.m. *Lunch and Poster Viewing*

Presidential Session

Chair:

Lisa H. Butterfield, PhD – *University of Pittsburgh*

2 – 2:05 p.m. **Introduction**

Lisa H. Butterfield, PhD – *University of Pittsburgh*

2:05 – 2:20 p.m. **Oral Abstract Presentation**

2:20 – 2:35 p.m. **Oral Abstract Presentation**

2:35 – 2:45 p.m. **Expert Discussant**

2:45 – 3 p.m. **Oral Abstract Presentation**

3 – 3:15 p.m. **Oral Abstract Presentation**

3:15 – 3:25 p.m. **Expert Discussant**

Tumor Immunology 101 (Physician/Nurse/Pharmacist Track)

Co-Chairs:

Laura S. Wood, RN, MSN, OCN – *Cleveland Clinic Taussig Cancer Center*

Krista M. Rubin, MS, FNP-BC – *Massachusetts General Hospital*

Eleni Yeatras, RPh, BCOP – *Johns Hopkins Kimmel Center at Sibley Memorial Hospital*

2 – 2:05 p.m. **Introduction**

Laura S. Wood, RN, MSN, OCN – *Cleveland Clinic Taussig Cancer Center*

2:05 – 2:30 p.m. **Immunology 101 for the Non-Immunologist**

Yvonne Saenger, MD – *Columbia University Medical Center*

2:30 – 2:55 p.m. **Basic Principles of Tumor Immunotherapy**

Michael K. Wong, MD, PhD, FRCP – *MD Anderson Cancer Center*

2:55 – 3:20 p.m. **Drug Classifications and Mechanisms of Action**

Lisa Cordes, PharmD, BCACP, BCOP – *National Cancer Institute/National Institutes of Health*

3:20 – 3:25 p.m. **Closing Remarks**

Krista M. Rubin, MS, FNP-BC – *Massachusetts General*

3:25 – 3:40 p.m. *Break*

Economics of Immunotherapies and Immunotherapy Combinations

Co-Chairs:

Michael B. Atkins, MD – *Georgetown Lombardi Comprehensive Cancer Center*

Bruce Levine, PhD – *Abramson Cancer Center*

3:25 – 3:40 p.m. **Report on Checkpoint Inhibitors from Value Subcommittee**

3:40 – 3:55 p.m. **Report on Economics of Adoptive Cell Therapy**

3:55 – 4:00 p.m. **Audience Question & Answer**

Clinical Management (Physician/Nurse/Pharmacist Track)

Co-Chairs:

Laura S. Wood, RN, MSN, OCN – *Cleveland Clinic Taussig Cancer Center*

Krista M. Rubin, MS, FNP-BC – *Massachusetts General Hospital*

Eleni Yeatras, RPh, BCOP – *Johns Hopkins Kimmel Center at Sibley Memorial Hospital*

3:40 – 3:45 p.m.	Introduction Eleni Yeatras, RPh, BCOP – <i>Johns Hopkins Kimmel Center at Sibley Memorial Hospital</i>
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3:45 – 4:15 p.m.	General Concepts of Toxicity Management Michael Postow, MD – <i>Memorial Sloan Kettering Cancer Center</i>
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4:15 – 4:35 p.m.	Pharmacological Management of irAEs Nathan Dahl, Pharm D, R.Ph – <i>Mayo Clinic</i>
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4:35 – 5 p.m.	Panel Discussion: Management of Complex Adverse Events <i>Moderator:</i> Eleni Yeatras, RPh, BCOP – <i>Johns Hopkins Kimmel Center at Sibley Memorial Hospital</i> <i>Panelists:</i> Krista M. Rubin, MS, FNP-BC – <i>Massachusetts General Hospital</i> Nathan Dahl, Pharm D, R.Ph – <i>Mayo Clinic</i> Michael Postow, MD – <i>Memorial Sloan Kettering Cancer Center</i>
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5 – 5:15 p.m.	Oral Abstract Presentation
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5:15 – 5:30 p.m.	Audience Question & Answer
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5:30 – 5:40 p.m.	<i>Break</i>
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Emerging Models & Imaging

Co-Chairs:

Daniel Thorek, PhD – *Johns Hopkins University School of Medicine*

4:15 – 5:40 p.m. **Session Under Development**

Championing of Cancer Immunotherapy Research and Award Ceremony

Co-Chairs:

Lisa H. Butterfield, PhD – *University of Pittsburgh*

5:40 – 5:45 p.m.	Introduction Lisa H. Butterfield, PhD – <i>University of Pittsburgh</i>
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5:45 – 6 p.m.	Championing of Cancer Immunotherapy Research Presentation
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6 – 6:30 p.m.	Awards Presentation Lisa H. Butterfield, PhD – <i>University of Pittsburgh</i>
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6:30 – 8 p.m. *Poster Reception*

8:30 – 11:30 p.m. *The CheckPoints Party*

Sunday, November 12, 2017

8 – 8:05 a.m. **Organizer Welcome**
Marcela V. Maus, MD, PhD – *Massachusetts General Hospital Cancer Center*

Genetically Modified Cell Therapy

Co-Chairs:
Marcela V. Maus, MD, PhD – *Massachusetts General Hospital Cancer Center*
Carl H. June, MD – *University of Pennsylvania*

8:05 – 8:30 a.m. **Gene Edited CAR T Cells**
Martin Pule, MB BCH, MRCP – *University College London*

8:30 – 8:55 a.m. **Updates in CAR T Cells**
Crystal L. Mackall, MD – *Stanford University*

8:55 – 9:20 a.m. **Genetically Modified T Cells for Solid Tumors**
Stephen M. Gottschalk, MD – *Baylor College of Medicine*

9:20 – 9:45 a.m. **Late-Breaking: CD19 CAR Enter the Mainstream**

9:45 – 10 a.m. **Oral Abstract Presentation**

10 – 10:15 a.m. **Oral Abstract Presentation**

10:15 a.m. *Annual Meeting Adjourns*