

# KEYSTONE SYMPOSIA

on Molecular and Cellular Biology

## T Cell Dysfunction, Cancer and Infection (A3)

January 16-20, 2018 • Beaver Run Resort • Breckenridge, Colorado, USA

Scientific Organizers: Daniel C. Douek, W. Nicholas Haining and Jedd D. Wolchok

Sponsored by Incyte Corporation, Juno Therapeutics and TESARO, Inc.

Abstract & Scholarship Deadline: September 21, 2017 / Abstract Deadline: October 19, 2017 / Discounted Registration Deadline: November 20, 2017

### TUESDAY, JANUARY 16

#### Arrival and Registration

### WEDNESDAY, JANUARY 17

#### Welcome and Keynote Address

**Rafi Ahmed**, Emory University School of Medicine, USA  
*A New Look at T Cell Exhaustion*

#### Adoptive T Cell Therapy for Cancer

**Crystal L. Mackall**, Stanford University, USA  
*Use of Adoptive T Cell Transfer in Pediatric Patients*

**Cassian Yee**, University of Texas MD Anderson Cancer Center, USA  
*CTL Therapy of Cancer*

**Michael Jensen**, University of Washington School of Medicine/Fred Hutchinson Cancer Research Center, USA  
*Update on CAR T Cells*

#### Short Talk(s) Chosen from Abstracts

#### T Cells and their Microenvironment

**Daniel C. Douek**, NIAID, National Institutes of Health, USA  
*The Microenvironment and T Cells*

**David G. Brooks**, Princess Margaret Cancer Center, Canada  
*Type I Interferons and T Cell Immunity*

**Susan M. Kaech**, Yale University School of Medicine, USA  
*Regulation of T Cells by Lipids*

#### Short Talk Chosen from Abstracts

#### Poster Session 1

### THURSDAY, JANUARY 18

#### Basic Biology of T Cell Exhaustion

**W. Nicholas Haining**, Dana-Farber Cancer Institute, USA  
*Epigenetic Landscape of T Cell Exhaustion*

**Ananda W. Goldrath**, University of California, San Diego, USA  
*Transcriptional Regulation of CD8 T Cell Immunity*

**Andrea Schietinger**, Memorial Sloan Kettering Cancer Center, USA  
*Tumor-specific T cell dysfunction*

**Dietmar Zehn**, Technical University of Munich, Germany  
*Subsets and T Cell Differentiation in Chronic LCMV Infection*

#### Short Talk(s) Chosen from Abstracts

#### Workshop 1: The 'Other Cells'

#### Short Talks Chosen from Abstracts

#### Adoptive T Cell Transfer for Infection

**Philip D. Greenberg**, University of Washington, USA  
*Novel Approaches to Isolating Receptors and Engineering Cells to Target Tumor Antigens*

**James L. Riley**, University of Pennsylvania, USA  
*Engineering T Cells to Functionally Cure HIV-1 Infection*

**Catherine M. Bollard**, Children's National Health System, USA  
*Virus Specific T Cells Post HSCT-Broadening Applicability*

#### Short Talk Chosen from Abstracts

#### Poster Session 2

### FRIDAY, JANUARY 19

#### Basic Biology of Inhibitory Receptors

**Arlene H. Sharpe**, Harvard Medical School, USA  
*The Role of the PD-1 Pathway in Regulating Immunity*

**Dario A. A. Vignali**, University of Pittsburgh School of Medicine, USA  
*The Role of the LAG3 in Regulating Immunity*

**James P. Allison**, University of Texas MD Anderson Cancer Center, USA  
*The Role and Future of CTLA-4 Modulation in Tumor Immunity*

**Ira Mellman**, Genentech, Inc., USA  
*PD-L1 Blockade and Targeted Therapy*

#### Short Talk(s) Chosen from Abstracts

#### Workshop 2: Big Machines! Big Data!

#### Short Talks Chosen from Abstracts

#### Checkpoint Blockade

**Jedd D. Wolchok**, Memorial Sloan-Kettering Cancer Center, USA  
*Clinical Results of Combined Checkpoint Blockades*

**Suzanne L. Topalian**, Johns Hopkins University School of Medicine, USA  
*PD-1 Blockade in Virus-Associated Cancers: Intersection of Antitumor and Infectious Immunity*

**E. John Wherry**, University of Pennsylvania, USA  
*Cellular Immunology of Checkpoint Blockade*

**Short Talk Chosen from Abstracts**

#### Poster Session 3

### SATURDAY, JANUARY 20

#### Targets for T Cells

**Robert Thimme**, University Medical Center Freiburg, Germany  
*Impact of Antigen Recognition on T Cell Diversification in Chronic Viral Hepatitis*

**Eliezer Van Allen**, Dana-Farber Cancer Institute, USA  
*The Role of Mutational Antigens in Determining Response to Immunotherapy*

**Pramod K. Srivastava**, University of Connecticut School of Medicine, USA  
*Broadening the View of Mutational Antigens for Cancer Therapy*

**Lélia Delamarre**, Genentech, Inc., USA  
*Neoantigens as Cancer Vaccines*

#### Short Talk(s) Chosen from Abstracts

#### Vaccines to Revive T Cell Responses

**Robert A. Seder**, NIAID, National Institutes of Health, USA  
*Adjuvants for T Cell Vaccines*

**Darrell J. Irvine**, Massachusetts Institute of Technology, USA  
*Materials Science of Vaccines*

#### Closing Keynote Address

**Carl H. June**, University of Pennsylvania, USA  
*CAR T Cells: Where Are We Now, Where Do We Go Next?*

#### Meeting Wrap-Up: Outcomes and Future Directions (Organizers)

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**SUNDAY, JANUARY 21**

**Departure**