

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

Supported by the Directors' Fund

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 Imprinting of Exhaustion

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