

KEYSTONE SYMPOSIA

on Molecular and Cellular Biology

Cancer Vaccines (L2)

January 20-24, 2019 • Fairmont Hotel Vancouver • Vancouver, British Columbia, Canada

Scientific Organizers: Lélia Delamarre, Robert A. Seder and Nina Bhardwaj

Supported by the Directors' Fund

Abstract & Scholarship Deadline: October 2, 2018 / Abstract Deadline: October 24, 2018 / Discounted Registration Deadline: November 27, 2018

SUNDAY, JANUARY 20

Arrival and Registration

MONDAY, JANUARY 21

Welcome and Keynote Address

Glenn Dranoff, Novartis Institutes for BioMedical Research, USA
Cancer Vaccines: Overview

Ira Mellman, Genentech, Inc., USA
The Cancer Immune Cycle: Overview

Identification of Mutated Neoantigens

Timothy A. Chan, Memorial Sloan Kettering Cancer Center, USA
Neoantigen Identification

Karin U. Jooss, Gritstone Oncology, USA
Driving CD8+ T Cell Responses to Mutational Neoantigens in Tumors - Harnessing Immunogenic Viral Vectors

Lélia Delamarre, Genentech, Inc., USA
Neoantigen Identification

Short Talk(s) Chosen from Abstracts

Workshop 1: Cancer Antigens

Short Talks Chosen from Abstracts

Other Cancer Antigens

Stephen B. Baylin, Johns Hopkins University School of Medicine, USA
Immunogenicity of Transposable Elements in Cancer

Victor H. Engelhard, University of Virginia, USA
Post-Translationally Modified Cancer Neoantigens

Cornelia L. Trimble, Johns Hopkins University School of Medicine, USA
Targeting HPV Antigens by Vaccination

Short Talk Chosen from Abstracts

Poster Session 1

TUESDAY, JANUARY 22

Priming T Cells

Rafi Ahmed, Emory University School of Medicine, USA
Talk Title to be Announced

E. John Wherry, University of Pennsylvania, USA
The Developmental Program of Exhausted T Cells

Pedro Romero, University of Lausanne, Switzerland
Programming T Cell Memory for Immunotherapy of Cancer

David B. Masopust, University of Minnesota, USA
Repurposing Antiviral T Cells to Fight Tumors

Short Talk(s) Chosen from Abstracts

Workshop 2: Vaccine Platforms and Immune Monitoring

Short Talks Chosen from Abstracts

Antigen Presenting Cells

Karin Loré, Karolinska Institutet, Sweden
Early in vivo Events of Vaccine-Induced Immune Responses

Sebastian Amigorena, Institut Curie, France
Dendritic Cell Biology

Marc Y. Dalod, CNRS, France
Deciphering the Role of cDC1 in Anti-Tumor Immunity
Short Talk Chosen from Abstracts

Poster Session 2

WEDNESDAY, JANUARY 23

Novel Cancer Vaccine Platforms I

David B. Weiner, Wistar Institute, USA
DNA-Based Vaccines

John C. Bell, Ottawa Hospital Research Institute, Canada
Virus-Based Vaccines

Ugur Sahin, TRON – Translationale Oncology, Germany
RNA-Based Vaccines

Robert A. Seder, NIAID, National Institutes of Health, USA
Talk Title to be Announced

Short Talk(s) Chosen from Abstracts

Novel Cancer Vaccine Platforms II

Catherine Ju-Ying Wu, Dana-Farber Cancer Institute, USA
Building Better Personal Cancer Vaccines

Nina Bhardwaj, Icahn School of Medicine at Mt Sinai, USA
DC-Targeting Vaccines

Speaker to be Announced

Short Talk Chosen from Abstracts

Poster Session 3

THURSDAY, JANUARY 24

Tumor Microenvironment and Combination Therapies

Joshua D. Brody, Icahn School of Medicine at Mount Sinai, USA
In situ Vaccination for Cancer

Shannon J. Turley, Genentech, Inc., USA
TGFβ in Cancer

Thomas Gajewski†, University of Chicago, USA
Regulation of Anti-Tumor Immunity

Miriam Merad†, Mount Sinai School of Medicine, USA
Talk Title to be Announced

Short Talk(s) Chosen from Abstracts

Workshop 3: Combination Therapies

Short Talks Chosen from Abstracts

Immune Monitoring of T Cells

Garry P. Nolan, Stanford University, USA
Talk Title to be Announced

Alexandra Snyder, Adaptive Biotechnologies, USA
T Cell Profiling

Evan W. Newell, Singapore Immunology Network, SigN, Singapore
Asking T Cells About What They See in Cancer

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

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FRIDAY, JANUARY 25

Departure