

TUCSON SYMPOSIUM 2017

AGENDA

Tuesday, February 28, 2017

8:00 am Tucson Symposium Welcome

Tom Grogan, MD
Roche Tissue Diagnostics
United States (Arizona)

8:10 am Ray Tubbs Memorial Keynote Lecture

*Response and Resistance to the PD-1 Blockade
Therapy*

Antoni Ribas, MD, PhD
University of California - Los Angeles
United States (California)

Session 1 : Immune Therapy

8:50 am Session Introduction

Antoni Ribas, MD, PhD
University of California - Los Angeles
United States (California)

8:55 am Presentation 1.1

*Defining the Translational Potential of Mapping
Cancer Organization for Personalized Medicine*

Paul Tumei, MD
Acteris, Inc.
United States (California)

9:15 am Presentation 1.2

*Systemic Therapy of Melanoma: from 'What
Agent' to 'Which Combination and/or Sequence'
to Optimize Survival*

John Kirkwood, MD
University of Pittsburgh Medical Center
United States (Pennsylvania)

9:35 am Panel Discussion | Q&A | Session Close

Antoni Ribas, MD, PhD
University of California - Los Angeles United

States (California)

10:05 **Break**
am

Session 2 : Genomics

10:20 **Session Introduction**
am

Jeffrey M. Trent, PhD
Translational Genomics Research Institute (T-Gen)
United States (Arizona)

10:25 **Presentation 2.1**
am

*Integrating Genetics, Genomics and Biology
Towards a More Personalized Medicine*

Jeffrey M. Trent, PhD
Translational Genomics Research Institute (T-Gen)
United States (Arizona)

10:45 **Presentation 2.2**
am

Tumor Genomics in Oncology

Alan H. Bryce, MD
Mayo Clinic Arizona
United States (Arizona)

11:05 **Presentation 2.3**
am

NGS: Size Matters

John Pfeifer, MD, PhD
Washington University School of Medicine
United States (Washington)

11:25 **Panel Discussion | Q&A | Session Close**
am

Jeffrey Trent, PhD
Translational Genomics Research Institute
United States (Arizona)

11:55 **Lunch**

am

1:30pm Poster Session

Session 3: Technology

3:00 pm Session Introduction

Donald Munroe, PhD
Vice President, Early Research and Development
Roche Tissue Diagnostics
United States (Arizona)

3:05 pm Presentation 3.1

*Development of Imaging Biomarkers to
Accelerate Clinical Trials and Drug Development*
Ron Korn, MD, PhD
Imaging Endpoints
United States (Arizona)

3:25 pm Q&A

3:35 pm Presentation 3.2

*Nature's Gift: How the Discovery of Structural
Principles in a Microbial Protein Helped Illuminate
the Pathophysiology of Psychiatry*

Karl Deisseroth, MD, PhD
Stanford School of Medicine
United States (California)

3:55 pm Q&A

4:05 pm Presentation 3.3

*The Emerging Role of Circulating Tumor DNA in
Cancer Management*

Peter Gibbs, MD
Walter & Eliza Hall Institute of Medical Research
Australia (Melbourne)

4:25 pm Q&A

4:35 pm Close of Session

Donald Munroe, PhD
Vice President, Early Research and Development

Roche Tissue Diagnostics
United States (Arizona)

6:30 pm Ventana Open House Dinner

Wednesday, March 1, 2017

8:00 am Ventana Welcome

Thomas Koch
Senior Vice President Research & Development
Roche Tissue Diagnostics
United States (Arizona)

8:10 am Keynote Speaker

*TRACERx: Tracking Lung Cancer Evolution
through Space and Time*

Charles Swanton, MD, PhD
The Francis Crick Institute
United Kingdom (London)

Session 3: Tumor Heterogeneity & Cancer Evolution

8:50 am Session Introduction

Charles Swanton, MD, PhD
The Francis Crick Institute
United Kingdom (London)

8:55 am Presentation 4.1

*Evolution of Renal Cell Cancer through Space
and Time*

Samra Turajlic, MD, PhD
The Francis Crick Institute
United Kingdom (London)

9:15 am Presentation 4.2

*The Challenge of Diversity in the Treatment of
Pancreatic Cancer: Inter- and Intra-Tumor
Heterogeneity*

Agnes Witkiewicz, MD
The University of Arizona
United States (Arizona)

9:35 am Panel Discussion | Q&A | Session Close

Charles Swanton, MD, PhD
The Francis Crick Institute
United Kingdom (London)

10:05 **Break**
am

**Session 5 : Challenges to Implementing Personalized
Medicine**

10:20 **Session Introduction**
am

Daruka Mahadevan, MD, PhD
The University of Arizona Cancer Center
United States (Arizona)

10:25 **Presentation 5.1**
am

*Immunotherapy Toxicity: The Other Edge of the
Sword*

Ryan K. Sullivan, MD
Massachusetts General Hospital Cancer Center
United States (Massachusetts)

10:45 **Presentation 5.2**
am

*Challenges in Implementing Precision Medicine in
the Community Setting: a Focus on Non Small
Cell Lung Cancer (NSCLC)*

Jason Niu, MD
Banner MD Anderson Cancer Center
United States (Arizona)

11:05 **Presentation 5.3**
am

*Implementing Precision Medicine Amidst the
Wave of Health System Change: Practical
Challenges and Opportunities*

Eric Faulkner, MPH
Evidera
United States (North Carolina)

11:25 **Panel Discussion | Q&A | Session Close**
am

Daruka Mahadevan, MD, PhD

The University of Arizona Cancer Center
United States (Arizona)

11:55 am Lunch

Session 6 : Immune Context and Multiplexed Markers

1:10 pm Session Introduction

James Welsh, MD
MD Anderson Cancer Center
United States (Texas)

1:15 pm Presentation 6.1

*Understanding the Tumor-Immune Cell
Interactions in Metastatic Melanoma Tumor
Microenvironment*

Yiyi Yan, MD, PhD
Mayo Clinic
United States (Minnesota)

1:35 pm Presentation 6.2

*High Dimensional Imaging of Clinical Tissue using
Multiplexed Ion Beam Imaging*

Michael Angelo, MD, PhD
Stanford University
United States (California)

1:55 pm Break

2:10 pm Presentation 6.3

*The Oil that Feeds the Flame: New Insights to
NASH-driven Liver Tumorigenesis*

Michael Karin, PhD
University of California - San Diego
United States (California)

2:30 pm Presentation 6.4

*Distinct Immune Microenvironments Stratify Triple
Negative Breast Cancer*

Morag Park, PhD
McGill University
Canada (Montreal)

2:50 pm Presentation 6.5

*Combining Immunotherapy Plus Radiation to
Improve Systemic Responses*

James Welsh, MD
MD Anderson Cancer Center
United States (Texas)

3:10 pm Panel Discussion | Q&A | Session Close

James Welsh, MD
MD Anderson Cancer Center
United States (Texas)

3:50 pm Tucson Symposium 2017 Closing

Eric Walk, MD
Chief Medical Officer
Roche Tissue Diagnostics
United States (Arizona)

4:10 pm Symposium Adjourns