



## SEMINARS IN HUMAN AND TRANSLATIONAL IMMUNOLOGY

*Presented by*

**Yale School of Medicine, Human and Translational Immunology Program**

### **“Do differences make a difference: human immune responsiveness and single-cell variations”**

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Date: November 14, 2017 at 4pm

Location: The Anlyan Center – TAC N203

Seminar Host: Dr. Steven Kleinstein

Course Director: Dr. Stephanie Eisenbarth and Dr. Carrie Lucas

*There is no corporate support for this activity. This activity is not supported by any educational grants.  
This course will fulfill the licensure requirement set forth by the State of Connecticut*

#### **ACCREDITATION**

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

#### **TARGET AUDIENCE**

The target audience for the HTI Seminar Series comprises attending faculty, clinical and basic scientists, community physicians, nurses, residents, fellows, and students.

#### **NEEDS ASSESSMENT**

The HTI Seminar Series seeks to review the scientific basis for choice of immunologically related therapeutic targets in various diseases, including organ-specific and systemic autoimmunity, allergy, transplant rejection, cancer, and infectious diseases. The goal is to help understand the rationale and mechanism underlying the major pharmacologic approaches for interventional immunology in current practice and review the data on the different therapeutic approaches in different specialties.

#### **LEARNING OBJECTIVES**

At the conclusion of this activity, participants will be able to:

1. Have a better understanding of human immune variability at baseline and in response to perturbations
2. Have a better understanding of how high-throughput immune profiling technologies together computational analysis and model building can uncover biomarkers of immune system behavior
3. Have a better understanding of technologies and computational approaches for analyzing single-cell heterogeneity and its potential functions, and how single-cell variations can be utilized to infer gene regulatory networks

#### **DESIGNATION STATEMENT**

The Yale School of Medicine designates this live activity for 1 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

#### **FACULTY DISCLOSURES**

John Tsang: None  
Stephanie Eisenbarth: None  
Carrie Lucas: None

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