



## HUMAN AND TRANSLATIONAL IMMUNOLOGY SEMINAR SERIES

# “T cell clonal expansion dynamics during viral infection – a single-cell multi-omic approach”

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**Tuesday, September 20, 2022 from 4-5 PM**

**Location: Brady Auditorium BML 131 (hybrid format, also by Zoom)**

CME Activity Code: Text 34718 to 203-442-9435

Host: Dr. Liza Konnikova

Course Co-Directors: Dr. Carrie Lucas and Dr. Ellen Foxman

### **LEARNING OBJECTIVES**

At the conclusion of this activity, participants will:

1. Learn how single-cell multi-omic approaches discover T cell polarization, differentiation, clonal expansion, in the context of viral persistence
2. Learn how viral antigen responses shape T cell polarization and clonal expansion dynamics
3. Learn how HIV-1 persistence in cytotoxic CD4+ T cells promote proliferation and immune evasion

### **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.

### **FACULTY DISCLOSURES**

Ya-Chi Ho: None  
Carrie Lucas: None  
Ellen Foxman: None

### **ACCREDITATION**

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

### **DESIGNATION STATEMENT**

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

It is the policy of Yale School of Medicine, Continuing Medical Education, to ensure balance, independence, objectivity, and scientific rigor in all its educational programs. All faculty participating as speakers in these programs are required to disclose any relevant financial relationship(s) they (or spouse or partner) have with a commercial interest that benefits the individual in any financial amount that has occurred within the past 12 months; and the opportunity to affect the content of CME about the products or services of the commercial interests. The Center for Continuing Medical Education will ensure that any conflicts of interest are resolved before the educational activity occurs.