“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.

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