



## SEMINARS IN HUMAN AND TRANSLATIONAL IMMUNOLOGY

*Presented by*

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

# **“Integrating common and rare variant genetics to better understand immunodeficiency and autoimmunity (and a brief COVID update)”**

**Ken Smith, MD, PhD**

**Professor and Head of Department of Medicine, University of Cambridge, UK**

**Tuesday, June 29, 2021 from 4-5 PM**

**Seminar by Zoom**

**CME Activity Code: Text 22225 to 203-442-9435**

**Host: Dr. Jordan Pober**

**Course Directors: Dr. Carrie Lucas and Dr. Ellen Foxman**

*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.

### **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.

### **LEARNING OBJECTIVES**

At the conclusion of this activity, participants will understand:

1. How genetic variants of different frequencies combine to drive autoimmune and immunodeficiency susceptibility.
2. How whole genome sequencing might impact on future diagnosis of immune disease.
3. How the early immune response and hypoxia itself might shape outcomes in COVID-19.

### **FACULTY DISCLOSURES**

Ken Smith: None  
Carrie Lucas: None  
Ellen Foxman: None

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