



## SEMINARS IN HUMAN AND TRANSLATIONAL IMMUNOLOGY

*Presented by*

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

# **“Polymer Nanoparticles for Intracellular and Targeted Delivery of Drugs and Biologics”**

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Yale School of Engineering and Applied Science**

Date: February 26, 2019 at 4pm

Location: The Anlyan Center – TAC N203

Seminar Host: Dr. Greg Tietjen

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. Understand the rationale for using nanoparticles as drug delivery systems.
2. Understand how polymer nanoparticles can be used to treat intracranial tumors, and the properties that are necessary to engineer into polymer nanoparticles to make them work in this setting.
3. Understand how polymer nanoparticles can be used to deliver agents to endothelial cells, and methods that can enhance this delivery.

### **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**

Mark Saltzman: Received intellectual property, equity, consulting fees and/or research grant support from Nanosive, Trucode, Juniper Pharmaceuticals and StraDEFY.

Stephanie Eisenbarth: None

Carrie Lucas: None

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