Grand Rounds

Yale School of Medicine’s

Department of Laboratory Medicine

“Protective and pathologic effects of interferon lambda at anatomic barriers”

**Helen Lazear, PhD**

Assistant Professor, University of North Carolina at Chapel Hill

# Wednesday, December 1, 2021

Noon

Online

Contact: mark.firla@yale.edu for log in info

Host: Craig Wilen

Course Directors: Joe El-Khoury & Ellen Foxman

## 

## 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

Attending Physicians, Fellows, Medical Students, Nurses, Physician Assistants, and Medical Researchers.

## NEEDS ASSESSMENT

1.Learn about current clinical and basic research findings

relevant to clinical pathology

2.Discuss current questions that are outstanding in the field

3.Hear about the latest work being performed at other

institutions as well as Yale School of Medicine.

## LEARNING OBJECTIVES

## 1. Interferon lambda (IFN-λ, type III IFN) is an antiviral

## cytokine that provides frontline antiviral protection at

## anatomic barriers

## 2. In a mouse model of congenital Zika virus infection, IFN-λ

## restricts transplacental infection but also causes pregnancy

## pathology: both effects occur through signaling in maternal

## (rather than fetal or placental) tissues

## 3. In a mouse model of herpes simplex virus infection, IFN-λ

## signaling in keratinocytes limits virus-induced skin lesions

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.

## FACULTY DISCLOSURES

## Joe El-Khoury-None

Ellen Foxman-None

Helen Lazear-None

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.

***There is no corporate support for this activity.***This course will fulfill the licensure requirement set forth by the State of Connecticut