

YALE SCHOOL OF MEDICINE
PATHOLOGY
GRAND ROUNDS AND
DIAGNOSTIC SLIDE SEMINAR

Host: Samuel Katz, MD, PhD



Benjamin E. Gewurz, MD, PhD
Assistant Professor
Associate Chair
Harvard Graduate Program in Virology

GRAND ROUNDS: 12:30 PM

“Epstein Barr Social Distancing: Epigenetic Silencing of Viral Immunogens”

Thursday, December 10, 2020

Zoom Meetings ID and Password: emailed separately

For information contact : susana.cruz@yale.edu

There is no corporate or grant support for this activity. 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

Attending physicians, researchers, house staff, fellows, residents, medical students, nurses.

NEEDS ASSESSMENT

Epstein-Barr virus (EBV) is associated with 200,000 cancers per year. These B, T, NK and epithelial cell cancers express a range of viral genome expression patterns, where most viral genes are silenced and

virus particles are not produced. There is a need to understand how the EBV genome is epigenetically controlled in order to leverage the presence of large double stranded extrachromosomal DNA viral genomes in each tumor cell. There is a need to de-repress viral antigens to harness immuno-oncology and antiviral approaches to the treatment of EBV malignancies.

LEARNING OBJECTIVES

At the conclusion of this activity, participants will be able to:

- Appreciate key aspects of the EBV lifecycle.
- Learn about B-cell epigenetic mechanisms that con-

trol the EBV genome.

- Appreciate how human genome-wide CRISPR/Cas9 analysis can be used for host/virus interaction studies and suggest therapeutic targets.

DESIGNATION STATEMENT

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

FACULTY DISCLOSURES

Speaker Name: Benjamin E. Gewurz, MD, PhD - Abbvie, PI
Course Directors: Manju Prasad, MD - NONE

Kurt Schalper, MD, PhD - NONE
Gopal Pallavi, MD, PhD - 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.