

Winter 2018 Science Café

Topics in Biomedical Research

February 6 *Ending AIDS: Why we need an HIV Vaccine*
Nancy Haigwood, PhD

After more than 30 years of research, HIV infection can be controlled with drug treatment, but it cannot be cured. The best way to control or eliminate HIV and prevent AIDS will be with a vaccine to prevent infection. Learn about why it has taken so long to make a vaccine and what looks promising from Dr. Haigwood, who has worked on this problem since the discovery of HIV.

February 13 *Will it work in people? Testing a new HIV vaccine at OHSU*
Marcel Curlin, MD

The AIDS epidemic has claimed approximately 35 million lives; the same number are now living with HIV. Work at OHSU's Vaccine & Gene Therapy Institute is now offering exciting new prospects for an HIV vaccine. Join Dr. Marcel Curlin to learn about plans for HIV vaccine studies in humans set to commence in 2019.

February 20 *Hepatitis B virus infection: Enemy of the liver*
Benjamin Burwitz, PhD

Chronic HBV infection, recognized as a major global health concern, affects 240 million people worldwide. Chronically infected individuals can go on to have liver cancer, and many of these patients will require liver transplants. Dr. Burwitz will discuss a new model of HBV which has major implications for future research on HBV therapeutics.

February 27 *Responding to Emerging Viruses*
Daniel Streblow, PhD

Emerging viruses (such as Zika, Ebola, and Chikungunya) are a major threat to humans and public health. Many factors are involved in determining when and where viruses emerge. Dr. Streblow will discuss how emerging viruses are detected, factors that cause their emergence, and how we approach preventing human infections and disease.

Cutting Edge
Infectious Disease
Research

7:00 p.m.

FREE to the Public

PCC Willow Creek
241 SW Edgeway
Beaverton
(NW 185th
near Baseline)

Willow Creek
MAX Station
Hillsboro Line

