



**Department of Tropical Medicine, Medical  
Microbiology and Pharmacology**



## **SEMINAR TRMD 690**

### **Human Monkeypox: Current knowledge and public health implications**



Human monkeypox is a viral zoonotic disease caused by orthopoxvirus that results in a smallpox-like disease in humans. WHO declared the monkeypox outbreak as a Public Health Emergency of International Concern. It is evident that the clinicoepidemiology of the disease is evolving which may pose an obstacle in eliminating the disease. Moreover, potential evolution of the monkeypox virus could result in increased transmissibility, less susceptibility to innate and adaptive immunity in hosts, and enhanced virulence. It is therefore necessary to increase research efforts to close the gap of scientific knowledge and to

optimize the surveillance and preparedness in combating monkeypox disease to avoid another pandemic. In this seminar, I will discuss the virological features, clinicoepidemiological characteristics of the monkeypox virus, vaccines and therapeutics for monkeypox virus infection, and its future implication in regards to basic science research and public health.

**Rodson Zorilla, M.D.**

*M.S. Student*

*Department of Tropical Medicine, Medical Microbiology and Pharmacology  
John A. Burns School of Medicine, University of Hawaii at Manoa  
Honolulu, Hawaii, USA*

**Wednesday, September 28, 2022**

**12:00 – 1:00 PM HST**

**JABSOM, Kakaako Campus**

**Medical Education Building, Room 304**

#### **Zoom Details**

**Link:** <https://zoom.us/j/97962975142?pwd=aFdJZmhrbjdDOGQ2UFZHZTYyeDhUZz09>

**Meeting ID:** 979 6297 5142

**Passcode:** 306033

For further information, contact Dr. Vivek R. Nerurkar - Tel. 808-692-1668; email: [nerurkar@hawaii.edu](mailto:nerurkar@hawaii.edu)  
Seminar Schedule @ <http://manoa.hawaii.edu/tropicalmedicine>