TRMD 6330 Microbial Diseases of the Tropics

Professor: Latha Rajan, MBBS

Credits: 2

Semester(s) Offered: Fall

Course Description:

This course introduces students to the most important bacterial, viral, and mycotic pathogens in the tropics and to clinical features of the associated diseases. The course will focus on topics not ordinarily covered in depth in U.S. medical schools, such as cholera, tuberculosis, leprosy, arboviral infections, and hemorrhagic fevers, among others. The course will be team taught by both microbiologists and clinicians. Topics covered will include geographic distribution, transmission, pathogenesis, clinical features of relevant diseases, immunologic considerations, laboratory diagnosis, treatment, and control.
Learning Objectives:

1. Describe the basic epidemiology, pathogenesis, clinical features, and diagnosis, for the major bacterial, viral, and fungal infectious diseases prevalent in the tropics.

2. Discuss the important management and control strategies for the major bacterial, viral, and fungal infectious diseases prevalent in the tropics.