

Yale SCHOOL OF PUBLIC HEALTH
Epidemiology of Microbial Diseases

EMD Seminar Series

Brian L. Weiss, MSc, PhD
Research Scientist, Scholar and Lecturer
Department of Epidemiology of Microbial
Diseases
Yale School of Public Health

**“Symbiosis and Immunity in the
Tsetse Fly”**

Commensal microbes present in the gut of higher eukaryotes modulate numerous crucial aspects of their host's physiology. However, the basic molecular mechanisms that underlie these associations are poorly understood. My work makes use of the tsetse fly as a model system for studying the relationship between enteric microbes and host immunity. As such, my talk will detail how tsetse's endosymbionts relate to the development and function of their host's immune system.

Thursday, January 16, 2014

12:00 PM, LEPH 115

Host: M. Diuk-Wasser/V. Pitzer