



**The AIDS International Research and Training Program (AITRP) at  
Dartmouth/Boston University  
in collaboration with Muhimbili University College of Health Sciences  
presents**

## **Systemic and Mucosal Immunology of HIV and TB**

**Tuesday, 21 March 2006  
The Kilimanjaro Kempinski Hotel  
Dar es Salaam**

### **Course Description**

This is a 1 day advanced level immunology course on selected aspects of the innate and adaptive immune systems. An evaluation of the immune system at mucosal surfaces will provide a basis for understanding the body's responses to tuberculosis and HIV/AIDS as they relate to the respiratory and reproductive tracts and the mammary gland. Lecture topics and discussions will include:

- HIV/AIDS and TB
- Overview of Adaptive Immunity
- Innate Immunity at Mucosal Surfaces
- Respiratory Tract & TB
- Immunology of the Mammary Gland
- Immunology of the Reproductive Tract
- Novel Approaches to Controlling the HIV Epidemic

The international faculty will include lecturers from the United States and Tanzania. The course is sponsored by the Fogarty International Center of the National Institutes of Health (USA) in collaboration with Dartmouth Medical School, Boston University School of Public Health, and the Muhimbili University College of Health Sciences.

### **Faculty**

#### **Course Directors**

**Charles Wira, PhD**

Professor, Department of Physiology, Dartmouth Medical School, USA

**Richard Waddell, DSc**

Assistant Professor of Medicine, Section of Infectious Diseases and International Health, Dartmouth Medical School, USA

## Faculty

Stephanie Dorosko, PhD

Post-Doctoral Research Fellow, Dept. of Microbiology & Immunology, Dartmouth Medical School, USA

Timothy Lahey, MD

Assistant Professor of Medicine, Section of Infectious Diseases and International Health, Dartmouth Medical School, USA

Mecky Matee, DDS, PhD

Associate Professor, Department of Microbiology and Immunology, Muhimbili University College of Health Sciences, Dar es Salaam

Ted Mselle, MD

Assistant Lecturer, Department of Biochemistry, Muhimbili University College of Health Sciences, Dar es Salaam; Fogarty PhD fellow at Dartmouth Medical School

## Course Schedule

Time	Topic	Faculty
8:00-9:00	<i>Check-in and Coffee/Tea with Welcoming Remarks</i>	R. Waddell
9:00-9:30	Post-doctoral training opportunities at Dartmouth	C. Wira, R. Waddell
9:30-10:15	HIV/AIDS and TB: The Present and the Future	C. Wira, T. Lahey
10:15-10:30	<i>Coffee and Tea Break</i>	
10:30-11:15	Overview of Adaptive Immunity: Diversity and Function	T. Lahey
11:15-12:00	Innate Immunity at Mucosal Surfaces: TLRs, Cell-to-Cell Communication & Innate Protection	T. Mselle
12:00-13:00	Respiratory Tract and Tuberculosis	M. Matee
13:00-14:00	<i>Lunch</i>	
14:00-14:45	Mucosal Immunology of the Mammary Gland	S. Dorosko
14:45-15:00	<i>Coffee and Tea Break</i>	
15:00-16:00	Mucosal Immunology of the Reproductive Tract	C. Wira
16:00-16:45	Controlling the HIV Epidemic: Novel Approaches	T. Lahey
17:00-17:30	Wrap-up & Conclusions; Presentation of Certificates	C. Wira, R. Waddell

## Registration

There is no charge for this conference. However, advanced registration IS REQUIRED by email no later than **FRIDAY, 10 March 2006**. Please send the following registration information to [Susan.L.Gregg@Dartmouth.EDU](mailto:Susan.L.Gregg@Dartmouth.EDU)

- Your name, highest academic degree earned
- Name of your employer and job title
- Local telephone number (mobile preferred)