Addressing the Global Challenges of Tuberculosis

Wednesday, February 9, 2011
2:00PM-7:30PM

Faculty Conference Room
UMass Medical School
55 Lake Avenue North
Worcester, MA 01655

This symposium will bring together basic scientists, clinicians, outcomes researchers, public health professionals, and industry to discuss scientific challenges and encourage multi-disciplinary research that will ultimately reduce the global burden of tuberculosis

Agenda

2:00-2:45PM  
**Keynote: Global Perspective**  
Jacques Boncy, MD, Director, National Public Health Laboratory, Haiti, Professor of Microbiology and Laboratory Medicine, University of Haiti and University Notre Dame of Haiti

2:45-4:15PM  
**Roundtable 1: TB Pathogenesis**  
Bacterial genetics  
Christopher Sassetti, PhD, Assistant Professor of Molecular Genetics and Microbiology, University of Massachusetts Medical School
Mechanisms of TB susceptibility in vulnerable populations  
Therese Vallerskog, MS, PhD, Department of Medicine, Pulmonary Unit, University of Massachusetts Medical School
Coaxing the macrophage suppress intracellular growth of *Mycobacterium tuberculosis*  
Sam Behar, MD, PhD, Associate Professor of Medicine, Division of Rheumatology, Immunology, and Allergy Brigham and Women’s Hospital

4:15-4:30PM  
Break

4:30-6:00PM  
**Roundtable 2: Optimizing TB Care**  
TB services in a resource limited country  
Juan Moreira, MD, PhD, MS, National Director of Public Health, Ministry of Public Health of Ecuador
TB prevention, diagnosis and care in Massachusetts  
John Bernardo, MD, Professor of Medicine, Research Professor of Biochemistry, BU School of Medicine, Tuberculosis Control Officer, Massachusetts Department of Public Health, Chair of STOP TB USA
A time for change: how quickly can *Mycobacterium tuberculosis* acquire new drug resistances in vivo  
Sarah Fortune, MD, Assistant Professor of Immunology and Infectious Diseases, Harvard School of Public Health
TB, adherence, and DOT: evidence vs. common sense  
Catarina Kiefe, PhD, MD, Professor and Chair, Department of Quantitative Health Sciences, University of Massachusetts, Medical School
New challenges in TB diagnostics: which way to go?  
Alexander Sloutsky, PhD, Director, Massachusetts Supranational TB Reference Laboratory, Center for Health Policy and Research, Assistant Professor of Medicine, University of Massachusetts Medical School

6:00-7:30PM  
Discussion/Poster Session

Please RSVP to Office of Global Health Program Coordinator, Kiger Lau at kiger.lau@umassmed.edu.