MINI-SYMPOSIUM: Imaging Infectious Diseases

April 12th, 2013
12:00—5:00 PM
STUDENT LIFE CENTER
Board of Trust Room
Vanderbilt University

12:00-12:05: Welcome: Eric Skaar, Ph.D., Department of Pathology, Microbiology & Immunology
12:05-12:35: Melanie Ohi, Ph.D. Cell & Developmental Biology
“Visualizing toxins using electron microscopy”
12:35-1:05: Charles Manning, Ph.D., Department of Radiology & Radiological Sciences
“PET imaging biomarkers of infectious disease”
1:05-1:20: James Cassat, M.D, Ph.D. Department of Pediatrics
“Impacting pathologic bone remodeling during Staphylococcus aureus osteomyelitis”
1:20-1:35: Jennifer Gaddy, Ph.D., Department of Medicine
“High resolution electron microscopy analysis of the Helicobacter pylori Cag Type IV Secretion System”
1:35-1:50: Jennifer Noto, Ph.D., Department of Medicine
“Iron deficiency amplifies the pathogenic potential of carcinogenic Helicobacter pylori”
1:50-2:05: Break and Refreshments
2:05-2:55: KEYNOTE: Clifton E. Barry, Ph.D., NIAID, NIH
“In vivo imaging of tuberculosis; the dynamics of a chronic disease”
2:55-3:25: Matthew Tyska, Ph.D., Department of Cell and Developmental Biology
“Multi-mode imaging of brush border destruction by an enteric pathogen”
3:25-3:55: Larry Marnett, Ph.D., Department of Biochemistry
“Cyclooxygenase-2 as a target for imaging inflammation”
3:55-4:20: Eric Skaar, Ph.D., Department of Pathology, Microbiology & Immunology
“Impacting the battle for metal between host and pathogen”
4:20-4:40: Core Presentation #1: Daniel Colvin, Ph.D., Vanderbilt University Institute of Imaging Science
“Preclinical imaging of infectious disease at VUIIS”
4:40-5:00: Core Presentation #2: Sam Wells, Ph.D. Cell Imaging Shared Resource
“The Cell Imaging Shared Resource: Micro-Imaging tools for infectious disease research”

RSVP by April 8:
615-322-2264 or micropath@vanderbilt.edu

SPONSORED BY:
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