

**AGENDA December 12-13, 2017
MINI-PRESENTATIONS BY CVD FOR
Dr. Peter Hotez**

“VACCINES, AUTISM, AND BLUE MARBLE HEALTH”

**2017 FRONTIERS IN VACCINOLOGY VISITING PROFESSOR
Tuesday and Wednesday, December 12 and 13**

LOCATION: Pharmacy Conference Room, Health Sciences Facility II Room 600 and Leadership Hall

Day 1: TUESDAY, December 12

Breakfast		07:30 – 07:59
Introduction to 2017 Frontiers “Show & Tell”	Kathleen Neuzil	08:00 – 08:29
Session 1: Establishing the need for vaccines	Moderator: Robert Edelman	
Etiology of Pneumonia in Mali: Results from PERCH	Mili Tapia	08:30 – 08:39 08:40 – 08:49
Etiology of Diarrhea in Africa: GEMS and VIDA	Karen Kotloff	08:50 – 08:59 09:00 – 09:09
Rationale for colonization factor-based vaccines to prevent enterotoxigenic <i>Escherichia coli</i> (ETEC) diarrhea in children	Myron Levine	09:10 – 09:19 09:20 – 09:29
Coffee Break (Outside CVD Conference Room S-431)		09:30 – 09:49
Session 2: Molecular Pathogenesis and Antigen Discovery	Moderator: Alan Cross	
A microarray approach for understanding immunity to severe malaria	Mark Travassos	09:50 – 09:59 10:00 – 10:09
Mini-gut model for <i>Shigella</i> pathogenesis	Eileen Barry	10:10 – 10:19 10:20 – 10:29
Evaluation of live attenuated <i>Salmonella</i> Typhimurium vaccine in rhesus macaques	Sharon Tennant	10:30 – 10:39 10:40 – 10:49
Outer membrane vesicles: A novel vaccine delivery system	Jim Galen	10:50 – 10:59 11:00 – 11:09
Development of a trivalent glycoconjugate vaccine for invasive <i>Salmonella</i> infections in sub-Saharan Africa	Raphael Simon	11:10 – 11:19 11:20 – 11:29
Wrap-up and Adjourn	Kathleen Neuzil	11:30 – 11:39
Free time for Dr. Hotez to organize his thoughts		11:40 – 12:35
Dr. Hotez escorted to MSTF to load power point		12:35
Frontiers in Vaccinology Lecture – Vaccines, Autism, and Blue Marble Health		13:00 – 14:00

Post-lecture buffet reception MSTF auditorium		14:00 – 15:30
Individual meetings with Dr. Hotez		15:31 – 17:30
Dinner for faculty – Bar Vasquez		19:00 – 21:30

LOCATION: HSF-II Auditorium		
Day 2: Wednesday, December 13		
Breakfast		07:30 – 07:59
Welcome	Kathleen Neuzil	08:00 – 08:09
Session 3: Immunology	Moderator: Frank Toapanta	
Functional antibodies and enteric pathogens	Marcela Pasetti	08:10 – 08:19 08:20 – 08:29
S. Typhi immune responses in protection from disease in humans: What is important?	Marcelo Sztejn	08:30 – 08:39 08:40 – 08:49
Crosstalk between leukocytes triggers differential immune responses against <i>Salmonella</i>	Rosangela Mezghanni	08:50 – 08:59 09:00 – 09:09
CD8 T-cell responses against various <i>Salmonella</i> serovars elicited in humans following immunization with a live oral typhoid vaccine	Rezwanul Wahid	09:10 – 09:19 09:20 – 09:29
Coffee Break (Outside HSF-II Auditorium)		09:30 – 09:59
Session 4: Clinical Evaluation	Moderator: Andrea Berry	
Genomic studies in the context of whole organism-based vaccines	Joana Carneiro Da Silva	10:00 – 10:09 10:10 – 10:19
Safety and immunogenicity of PfSPZ Vaccine in Burkinabe adults in Balonghin, Burkina Faso	Matthew Laurens	10:20 – 10:29 10:30 – 10:39
Beyond the Meningitis Vaccine Project: Pentavalent meningococcal conjugate vaccine composed of serogroups A, C, Y, W, and X	Wilbur Chen	10:40 – 10:49 10:50 – 10:59
Update on Zika vaccines	Monica McArthur	11:00 – 11:09 11:10 – 11:19
Outpatient management of skin infections: Do antibiotics matter?	Robert Daum	11:20 – 11:29 11:30 – 11:39
LUNCH (Outside CVD Conference Room S-431) (Fellows & students S-431, Faculty S-341)		11:45 – 12:59
Session 5: Policy, Modeling, and Monitoring	Moderator: Amed Ouattara	
Immunology of schistosomiasis and interaction with malaria	Kirsten Lyke	13:00 – 13:09 13:10 – 13:19
Genome-wide studies to understand the genetic basis of antimalarial drug resistance	Shannon Takala-Harrison	13:20 – 13:29 13:30 – 13:39

Canine rabies vaccination: An efficient approach for low-resource settings	Meagan Fitzpatrick	13:40 – 13:49 13:50 – 13:59
Maternal influenza immunization: A policy approach	Justin Ortiz	14:00 – 14:09 14:10 – 14:19
Vaccination coverage: Do vaccine records predict protection against vaccine-preventable diseases?	James Campbell	14:20 – 14:29 14:30 – 14:39
Wrap-up and Adjourn	Kathleen Neuzil	14:40 – 14:49
Questions		14:50 – 15:30