

DMID INTERNATIONAL RESEARCH IN INFECTIOUS DISEASES MEETING
May 18–20, 2010

BETHESDA NORTH MARRIOTT HOTEL AND CONFERENCE CENTER
BETHESDA, MARYLAND

Tuesday, May 18th

8:30 AM Registration

10:00 AM Welcome
***Polly Sager* - Assistant Director for International Research in Infectious Diseases,
Division of Microbiology and Infectious Diseases NIAID, NIH, DHHS**

Session I: Neglected Diseases

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10:15 AM <i>Plenary: Bernard Pecoul</i> – Drugs for Neglected Diseases Initiative, Geneva, Switzerland New Drugs for Neglected Diseases, New Hope for Forgotten Patients	1
11:15 AM <i>Plenary: Albert Ko</i> – Weill Medical College of Cornell University, New York City, NY, USA Leptospirosis: An Emerging Slum Health Problem	2
12:15 PM LUNCH	
1:15 PM <i>Plenary: Rick Tarleton</i> – Center for Tropical and Emerging Global Diseases, University of Georgia, Athens, GA, USA Making Some Sense of Chagas Disease	3
2:00 PM <i>Edgar M. Carvalho</i> – Federal University of Bahia, Salvador, BA, Brazil Immunological Factors Associated with Development of Ulcer in Cutaneous Leishmaniasis Caused by <i>Leishmania braziliensis</i>	4
2:20 PM <i>Mélika Ben Ahmed</i> – Institut Pasteur de Tunis, Tunis, Tunisia Human Cellular Immune Response Against <i>Phlebotomus papatasi</i> Saliva is Mediated by IL-10- producing CD8+ T cells and Th1 CD4+ Lymphocytes	5
2:40 PM <i>Rosario Z. Capeding</i> – Research Institute for Tropical Medicine, Manila, Philippines The Incidence, Characteristics, and Presentation of Dengue Virus Infections During Infancy	6
3:00 PM BREAK	

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3:40 PM	<i>Edmund Seto</i> – University of California, Berkeley, Berkeley, CA, USA Measuring Mobility and Exposure Patterns for Individual-Based Modeling of Schistosomiasis Control	8
4:00 PM	<i>Walderez O. Dutra</i> – Federal University of Minas Gerais, Belo Horizonte, MG, Brazil Identification of Immunological Markers Associated with Pathology and Resistance in Chagas Disease: The Role of CD28- T Cells	9
4:20 PM	<i>Christopher Plowe</i> – University of Maryland School of Medicine, Baltimore, MD, USA Extended Safety, Immunogenicity and Efficacy of The AMA1 Malaria Vaccine FMP2.1/AS02 _A in Children 1 to 6 Years of Age in Bandiagara, Mali	10
4:40 PM	<i>Rajiv Sarkar</i> – Christian Medical College, Vellore, India Transmission Dynamics of <i>Cryptosporidium</i> Infections in Children in South India: Does Packaged Water Confer Protection?	11

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Session II: Immunology/Vaccines

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9:15 AM <i>Dilara Islam – Armed Forces Research Institute of Medical Sciences, Bangkok, Thailand</i> Evaluation of Oral, Live, Attenuated <i>Shigella Dysenteriae</i> 1 Vaccine Candidates in Rhesus Monkeys (<i>Macaca Mulatta</i>) in an Intra-gastric Challenge Model	13
9:35 AM <i>Firdausi Qadri – International Centre for Diarrheal Disease Research, Bangladesh, Dhaka, Bangladesh</i> Antigen Specific Memory B-Cell Responses in Bangladeshi Adults After One or Two Dose Oral Cholera Vaccination, and Comparison With Natural Infection	14
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10:35 AM <i>Edgar M. Carvalho – Federal University of Bahia, Salvador, Brazil</i> Host Immunological and Viral Factors in Neurological Manifestations Associated to HTLV-1 Infection	16
10:55 AM <i>Kenneth J. Gollob – University of Minas Gerais, Belo Horizonte, Brazil</i> Immunoregulatory Networks in Human <i>Leishmaniasis</i> : CD4-CD8- T Cells in Protective or Pathogenic Immune Responses	17
11:15 AM <i>Shalini Gautam – Insitute of Medical Sciences, Banaras Hindu University, Varanasi, India</i> CD8 T Cells in Visceral Leishmaniasis	18

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Aymen Bali ^{1,3} , Fatma Zahra Guerfali ^{1,3} , Afif Ben-Salah ^{2,3} ,
Koussay Dellagi ^{1,3} , Dhafer Laouini ^{1,3}
¹ Laboratory of Immuno-Pathology, Vaccinology and Molecular Genetics;
² Laboratory of Medical Epidemiology; ³ WHO Collaborating Center on
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² Laboratoire International Associé "Ingénierie Biomoléculaire", CNRS, France;
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¹ Christian Medical College, Vellore, TN, India; ² Tufts Medical Center,
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¹ Walter Reed Army Institute of Research, Silver Spring, MD, USA; ² United States
Army Medical Research Unit-Kenya, Nairobi, Kenya; ³ Kenya Medical Research
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WeiraTher ⁷ , Mary E. Wilson ⁷ , Selma M. B. Jerônimo ^{1,4} , Maria F.F.M. Ximenes ^{1,2,4}
¹ Department of Biochemistry; ² Department of Microbiology and Parasitology;
³ Department of Biology and Genetics, Biosciences Center; ⁴ Health Post-Graduate
Program, Universidade Federal do Rio Grande do Norte, Natal, RN; ⁵ Nursing
Department, Seridó Campus, Universidade Estadual do Rio Grande do Norte;
Caicó, RN, Brazil; ⁶ Department of Internal Medicine, University of Virginia,
Charlottesville, VA; ⁷ Iowa City VA Medical Center and The Departments of
Internal Medicine, Microbiology and Epidemiology and The Interdisciplinary
Program in Genetics, University of Iowa, Iowa City, IA, USA | 61 |

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²Mbarara University of sciences and Technology (MUST), Mbarara, Uganda
³Epicentre Paris, France</p> | 64 |