

SEVENTH INTERNATIONAL CONFERENCE OF TYPHOID FEVER AND OTHER INVASIVE SALMONELLOSES

Oral Session Speakers

Kilifi, Kenya, January 25-28, 2009

MONDAY, JANUARY 26, 2009	
	<p>Session 1: Epidemiology and Disease burden of Typhoid Fever and Other Invasive Salmonellosis in Africa.</p> <p>Chair: Peter Waiyaki</p>
8:30 - 09:00	<p>Disease burden and interventions John Clemens, International Vaccine Institute, Korea</p>
09:00 – 09:20	<p>Epidemics of Invasive Salmonella Enteritidis and S. Typhimurium Infections among Adults and Children, associated with Multidrug resistance in Malawi Melita Gordon, University of Liverpool, UK</p>
09:20 – 09:40	<p>Epidemiology of typhoid fever in South Africa, 2003-2007 Brett Archer, National Institute Of Communicable Diseases, S. Africa.</p>
09:40 – 10:00	<p>High Incidence of Typhoid Fever in a Densely Populated Informal Settlement in Nairobi; Potential Implications for Vaccine Policy Robert Breiman, Centres for Disease Control and Prevention, Kenya</p>
10:00 – 10:30	<p>Coffee Break and Poster viewing</p>
10:30 – 11:00	<p>The Africa Disease perspective Steve Graham, Department of Peadiatrics, University of Melbourne, Australia</p>
11:00 – 11:20	<p>Contrasting epidemiology of Salmonella Typhi and non-Typhi Salmonella bloodstream infections at two sites in Northern Tanzania John A. Crump, Duke University Medical Center, USA</p>
11:20 – 11:40	<p>Prevalence of Salmonella spp in street-vended ready-to-eat foods in Alexandria –Egypt</p>

	<u>El-Shenawy Moustafa, National Research Center, Egypt</u>
11:40 – 12:00	The association between Plasmodium falciparum and non-Typhi Salmonella infections in an area of high P. falciparum transmission in Tanzania George Mtove, National Institute for Medical Research, Tanzania
12:00 – 12:20	<u>Current challenges with enteric fever in hospital and community settings</u> <u>Gunturu Revathi, Aga Khan University Hosp, Kenya</u>
12:30 – 13:30	Lunch Break and Poster viewing
	Session 2: Molecular Epidemiology of Invasive Salmonellosis. Chair: James Berkley
13:30 – 14:00	<u>Epidemiology of Non-Typhoidal Salmonella in Kenya</u> <u>Samuel Kariuki, Kenya Medical Research Institute</u>
14:00 – 14:20	<u>Novel Salmonella Typhimurium variants cause epidemic invasive disease in sub-Saharan Africa</u> <u>Robert Kingsley, Sanger Institute, UK</u>
14:20-14:40	<u>Antimicrobial Resistance Trends in Salmonella enterica serotype Typhi in nine French Speaking African Countries (2005-2007)</u> <u>Marie C. Fonkoua, Pasteur Institute, Cameroon</u>
14:40-15:00	<u>Transmission and Carriage of Salmonella in Kathmandu, Nepal</u> <u>Stephen Baker, Wellcome Trust, Vietnam</u>
15:00-15:20	<u>Sentinel sites as models to control salmonellosis in developing countries</u> <u>Salvatore Rubino, University of Sassari, Italy</u>
15:30 – 16:00	Coffee Break and Poster viewing
16:00-16.30	<u>Invasive NTS infections in pediatric malaria patients: modeling host-pathogen interactions in the mouse</u> <u>Renee Tsois, University of California at Davis, USA</u>
16:30 – 18:00	<ol style="list-style-type: none"> <u>1. Round Table discussion: Experience and Impact of school based programs for Typhoid prevention - Moderated by Zulfiqar Bhutta, Aga Khan University, Karachi, Pakistan</u> 2. POSTER VIEWING

	Followed by Cocktail on KEMRI grounds: Sponsored by Sanofi-Pasteur
TUESDAY, JANUARY 27, 2009	Session 3: Infection and challenges in diagnosis Chair: Robert Heyderman
08:30 – 09:00	Challenges in the Diagnosis and Treatment of Typhoid Charles Chunge, Tropical Medicine Institute, Nairobi, Kenya
09:00 – 09:20	Mortality among Children Hospitalized with Salmonella in Rural Western Kenya, 2005-2007 Ciara O'Reilly, Centres for Disease Control and Prevention, USA
09:20 – 09:40	The Serodiagnosis of human infections with Salmonella Typhi, S. Paratyphi A, S. Paratyphi B and S. Paratyphi C Henrik Chart, Health Protection Agency, UK
09:40 – 10:00	A PCR Method to Identify Typhoidal and Non-typhoidal Salmonella Isolated from Blood and Ordinarily Sterile Body Fluids Sharon M. Tennant, Centre for Vaccine development, University of Maryland, USA
10:00 – 10:30	Coffee Break and Poster Viewing
	Session 4: Molecular Pathogenesis and Genomics. Chair: B.N. Harish
10:30 – 11:00	Plenary lecture: The Molecular Biology of Systemic Salmonellosis- Gordon Dougan, Sanger Institute, UK
11:00 – 11:20	Genetic flux over time in Salmonella enteric Nicholas Thomson, Sanger Institute, UK
11:20 – 11:40	Non-typhoidal <i>Salmonella</i> bacteremia in HIV patients: TH17 depletion disrupts the mucosal barrier Andreas Baumler, University of California at Davies, USA
11:40 – 12:00	Biofilm is not or poorly produced <i>in vitro</i> by Vi negative strains of Salmonella enterica serovar Typhi Abdul Haque, University Islamabad, Pakistan
	Session 5: Treatment and Resistance. Chair: Patience Mensah

12:00 – 12:30	Use of Antimicrobials in Food Animals and Antimicrobial resistance in Salmonella : A Public Health Concern Awa Aidara-Kane, WHO, Geneva – Delivered by Patience Mensah, WHO- Congo-Brazzaville
12:30 – 13:30	Lunch Break and Poster Viewing
	Session 5: Treatment and Resistance. Chair: Patience Mensah
13.30-14.00	Antimicrobial usage and resistance in Salmonella in Kenya Eric Mitema, University of Nairobi, Kenya
14:00 – 14:20	What do we really know about antibiotic resistance in Salmonella? John Wain, Health Protection Agency, UK
14:30 – 18:00	SOCIAL PROGRAM VISIT TO MALINDI/MOMBASA TOURIST SITES OPTION 1: Arabuko Sokoke National Park/ Gede National Monument & Kipepeo Project Resident rate: Kshs.200 Non-resident: \$20 OPTION 2: Old Town Mombasa/Haller Park Resident rate: 200/- Non-resident: 600/- OPTION 3: Dhow trip along the creek
19:00 – 21:00	Welcome Dinner – Kilifi Bay Beach Hotel
WEDNESDAY, JANUARY 28, 2009	
	Session 6: Vaccines and Therapeutic Interventions for Enteric fevers Chair: Anthony Scott
08:30 – 09:00	Global historical review of typhoid focusing on clinical features and outcomes Zulfiqar Bhutta, Aga Khan University, Karachi, Pakistan

09:00-09:30	<p>Typhoid Fever Immunization for Africa Duncan Steele, PATH, USA – Slot taken up by</p> <p>Dr Kwai Lin Thong – University of Malaysia: Title: A Rapid and Simple Multiplex PCR Assay for Simultaneous Detection of Salmonella enterica, S. Typhi and S. Paratyphi</p>
09:30 – 10:00	<p>Strategies and hurdles in developing a vaccine to prevent invasive non-typhoidal Salmonella infections in young children in sub-Saharan Africa Myron Mike Levine, Centre for Vaccine development, University of Maryland, USA</p>
10:00 – 10:30	Coffee Break
10:30 – 10:50	<p>What should we use to treat enteric fever? Christopher Parry, School of Infection and Host Defence, University of Liverpool, UK</p>
10:50 – 11:10	<p>Defective humoral immunity to Non-Typhoidal Salmonella in HIV-infected adults in Malawi Calman MacLennan, University of Birmingham, UK</p>
11:10 – 11:30	<p>Salmonella enterica serotype Paratyphi A Infections in India - Reappraisal of Therapeutic and Vaccination Policy Gaiind Rajni, VMMC and Safdarjung Hospital, India</p>
11:30 – 11:50	<p>CRM197 conjugate vaccines for S. Typhi, S. Paratyphi A and Non-Typhoidal Salmonella Laura B Martin, Novartis Vaccines Institute for Global Health, Italy</p>
11:50- 12:10	<p>Characterization of the complex effector immunity, memory and homing patterns elicited by oral immunization with attenuated S. Typhi in humans: A window into the immune responses at mucosal and systemic sites Marcelo B. Sztejn, Center for Vaccine Development University of Maryland, USA</p>
12:10 -12:30	<p>A randomised, placebo-controlled safety and immunogenicity trial of M01ZH09, a novel single dose oral typhoid vaccine in healthy Vietnamese children Christiane Dolecek (Wellcome Trust, Vietnam – to be given by Gordon Dougan, Sanger Institute, UK)</p>
12:30 - 13:00	<p>Closing Ceremony and Summary of Proceeding, including way forward – Summary Prof Gordon Dougan</p>
13:00	Lunch and Departure

14:30 – 16:00	Working Groups on Non-typhoidal Salmonella infections: Epidemiology and vaccine issues

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