

## 49th U.S.-Japan Conference on Cholera and Other Enteric Bacterial Infections

**Wednesday, January 14, 2015**

8:15a-8:45am	Welcome from Panel chairs and information about the conference
8:45a-10:05a	<b>Oral Scientific Presentations: Global Burden of Cholera</b>
	6756: Ali, Updated global burden of cholera in endemic countries
	<b>Oral Scientific Presentations: Vibrios: Epidemiology/Host Response/Diagnostics</b>
	J-O-9: Awasthi, Dynamics of cholera outbreaks and detection of <i>Vibrio cholerae</i> O1 El Tor variant in cholera endemic zones of Kenya
	6760: Koepke, Predictive modeling of cholera outbreaks in Bangladesh
	6758: Azarian, Phylodynamic analysis of clinical and environmental <i>Vibrio cholerae</i> from Haiti
10:05a-10:30a	Poster Session, Coffee/Tea Break
10:30a-12:10p	<b>Oral Scientific Presentations: Vibrios: Epidemiology/Host Response</b>
	J-O-8: Theethakaew, genetic characterization of <i>Vibrio parahaemolyticus</i> isolates recovered from human carriers
	6706: Ryan, Memory B-cell responses to <i>Vibrio cholerae</i> O1 o-specific polysaccharide (OSP) in patients with cholera in Dhaka, Bangladesh
	J-O-12: Escalante-Maldonado, Improvement of the IMS- and LAMP-based detection method for virulent strains of <i>Vibrio parahaemolyticus</i> from seafood.
	6838: Monira, Diarrhea (cholera) microbiota and poor child health, Bangladesh
	J-O-1: Yusuke, Enhanced resistance to several abiotic stresses in <i>Vibrio cholerae</i> in starved state
12:10p-1:35p	Lunch, Poster Session Open
1:35p-1:45p	Welcome from Dr. Kent Fuchs, UF President
1:45p-3:25p	<b>Oral Scientific Presentations: Vaccines for Cholera and Other Enteric Pathogens</b>
	6721: Chao, Using mathematical modeling to evaluate the potential cost-effectiveness of cholera vaccination in Bangladesh
	6734: Chen, Single dose oral cholera vaccine (CVD 103-HgR) protects against heterologous challenge with wild-type <i>Vibrio cholerae</i> O1 El Tor Inaba
	6707: Cohen. Safety and immunogenicity of escalating dosages for a single oral dose of a combined live, attenuated enterotoxigenic <i>E. coli</i> cholera vaccine
	6773: Chakraborty, Modulation of cytokines by a killed oral shigella vaccine or a live attenuated...
3:25p-3:45p	<b>Poster Session, Coffee/Tea Break</b>
3:45p-5:05p	<b>Oral Scientific Presentations: Vaccines for Cholera and Other Enteric Pathogens</b>
	6718: Severe, Oral cholera vaccine in Haiti: A 20 month follow-up
	6757: Harris, Immunogenicity of a killed bivalent whole cell oral cholera vaccine in adults with HIV infection
	6701: Luquero Performance of one- versus two-dose oral cholera vaccine campaigns in response to outbreaks
	6739: Gill, Low cost optimized oral cholera vaccine
5:05p-5:15p	Review of Day
6:30p-9:15p	Tour of Emerging Pathogens Institute, Reception at Florida Museum of Natural History

**Thursday, January 15, 2015**

	<b>Oral Scientific Presentations: E. coli and Shigella</b>
8:15a-10:15a	J-O-6: Shimizu, the surface sensor NlpE of enterohemorrhagic E. coli contributes to the regulation of virulence factors via adherence of bacteria to Caco-2
	J-O-13: Kayali, detection of Shigatoxin-producing E. coli belonging to clinically important O serotypes by an IMS-LAMP-based method in the retail beef
	6849: Maurelli, Prevalence of Stx1a-producing Shigella species isolated from French travelers returning from the Caribbean: An Emerging Pathogen with International Implications
	J-O-3: Suzuki, Shigella type III secretion protein MxII is recognized by Naip2 to induce NlrC inflammasome activation
	6820: Rasko, Examining the genomic diversity of enterotoxigenic E. coli (ETEC)
	J-O-2: Yahiro, SubAB produced by Shiga-toxigenic E. coli enters via lipid-raft and an actin-dependent endocytosis in HeLa cells
10:15a-10:35a	Poster Session, Coffee Break
	<b>Oral Scientific Presentations: Salmonella</b>
10:35a-12:15p	J-O-5: Yamasaki, Rapid serotyping method based on ANP profiles of a Salmonella specific gene
	6747: Charles, A magneto-DNA nanoparticle system for the rapid diagnosis of enteric fever
	J-O-10: Fukunaga, the role of galectins in Salmonella serovar Typhi infection
	6819: Das, A serine/threonine kinase of Salmonella typhi promotes intracellular survival within macrophages and pathogenesis in mice through NF-KB-dependent lysosomal damage
	J-O-11: Yonogi, BEC, a novel enterotoxin of Clostridium perfringens found in human clinical isolates from acute gastroenteritis outbreaks
12:15p-1:40p	Lunch, Poster Session open Japanese and U.S. Panels, Business Meeting and Lunch- Emerson Alumni Hall
	<b>Oral Scientific Presentation: Vibrio: Molecular Pathogenesis</b>
1:40p-3:20p	6826: Watnick, the Vibrio cholerae acetate switch disrupts host insulin signaling and lipid metabolism
	J-O-7: Okada, the Vibrio parahaemolyticus effector VopC modulates actin stress fiber formation and invasion in cultured cells
	6812: Hay, Host intestinal signal-promoted biofilm dispersal induces vibrio cholerae colonization
	6790: Dziejman, Targeted analysis of genetic factors required for colonization in T3SS-positive V. cholerae strain AM-19226
	6779: Satchell, Haiti isolate 2010EL-1786 is a hypervirulent <i>Vibrio cholerae</i> isolate
	6808: Mey, V. cholerae CsrA is required for ToxR-mediated OMAP regulation in response to amino acids
3:20p-3:45p	Poster Session, Coffee Break
	<b>Oral Scientific Presentation: Vibrio: Molecular Pathogenesis</b>
3:45p-5:25p	6776: Wyckoff, Iron transport in Vibrio cholerae
	6780: Agarwal. Alpha-beta hydrolase of Vibrio cholerae MATRIX toxin is a P13P-specific phospholipase A1...
	6740: Kazi, Luminal TRAM-34 is superior than Zn in the reduction of cholera toxin stimulated intestinal fluid accumulation...
	J-O-4: Okada, isolation and genomic characterization of Vibrio cholerae O1 carrying an additional 900-kb replicon
	6735: Klose, an RNA thermometer controls temperature-dependent virulence in <i>Vibrio cholerae</i>
5:25p-5:35p	Review of Day

**Friday, January 16, 2015**

8:15a-9:35a	<b>Scientific Presentations: Cholera in Africa</b>
	7002: Langa (Mozambique): spatial heterogeneity of cholera in northern Mozambique and strategies for vaccine use
	7018: Bompangue (DRC): Cholera hotspots in the eastern DR Congo
	7009: Heyerdahl- AMP: Vulnerability of Migrant Fishermen in Ivory Coast to Cholera- An anthropological study
6998: Phiri (Zimbabwe): Experiences from a large country-wide outbreak in Africa, Zimbabwe 2008-2009	
9:35a-9:50a	Break
9:50a-11:10a	<b>Scientific Presentations: Cholera in Africa</b>
	7016: Njanpop - AMP: Anti-microbial resistance in Vibrio cholerae strains from Africhol
	7004: Sauvageot - AMP: The burden of cholera in the Africhol network countries
	7017: Luquero: OCV campaign in South Sudan 2014
6812: Sack, Bloomberg School of Public Health: Possibilities for the Use of Oral Cholera Vaccine in Africa	
11:10a-11:25a	Break
11:25a-1:25p	<b>Scientific Presentations: Typhoid in Africa</b>
	6997: Marks, International Vaccine Institute, Korea: Results of the Typhoid Fever Surveillance Program in Africa (TSAP)
	7001: Rakotozandrindrainy, University of Antananarivo, Madagascar: Molecular drug resistance of S. typhi from 10 sites
	6995: Wong- Multidrug-resistant clade of Salmonella Typhi
	6999: Sarpong, Kumasi Centre for Collaborative Research in Tropical Medicine, Ghana: Risk factors and clinical indicators for typhoid fever and other bacterial diseases
7000: Soura – University of Ouagadougou, Burkina Faso: Experiences of the TSAP program in Burkina Faso and the need of adequate diagnostic tests to ensure accurate typhoid case detection	
1:25p-1:40p	Review of Day, Farewell

**Saturday, January 17, 2015**

8:00a-4:00p	Scientific Tour (Optional) -St. Augustine, with lunch discussion of conference presentations Pre-registration required, limited to 45 people
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**Sunday, January 18, 2015**

8:00a-4:00p	Scientific Tour (Optional)- Cedar Key and clam aquaculture Pre-registration required, limited to 45 people
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