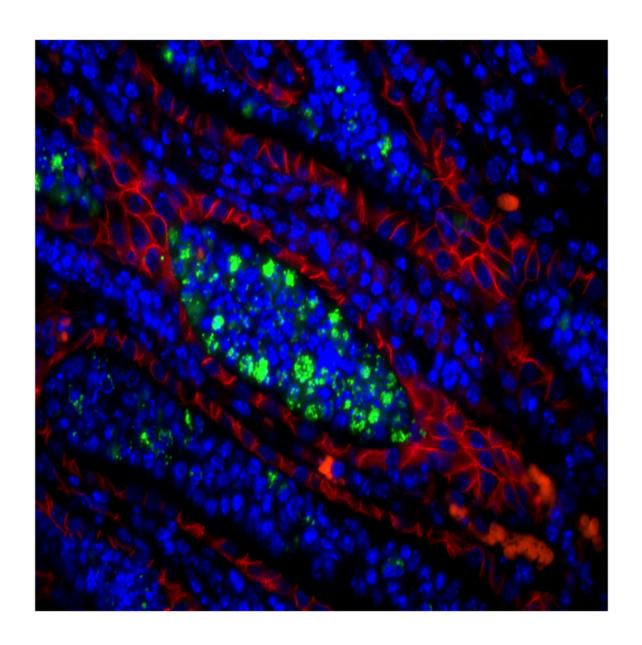
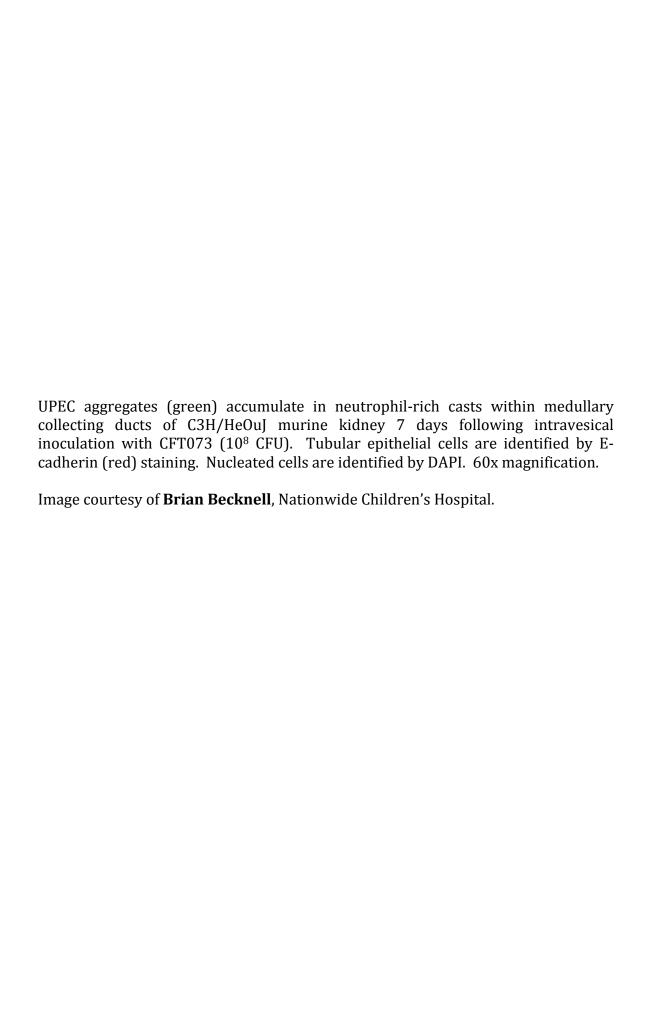
CLINICAL AND SCIENTIFIC ADVANCES IN URINARY TRACT INFECTIONS



Sheraton Columbus Hotel at Capital Square Columbus, Ohio August 26-28, 2016



2nd Clinical and Scientific Advances in Urinary Tract Infections

August 26-28, 2016

Sheraton Hotel at Capital Square Columbus, Ohio

	Friday August 26, 2016
3:00 - 7:00	Registration – Congressional Foyer
4:00 - 5:30	Opening Reception and Cash Bar – Legislative Foyer
5:30 - 6:00	Opening Remarks and Announcements – Congressional Room Mark Schembri, Ph.D., The University of Queensland
	John Barnard , M.D., President, Research Institute at Nationwide Children's and Chair, Pediatrics
	Opening Keynotes
6:00 - 6:45	Recurrent urinary tract infections: pathogenesis, bladder remodeling and clinical prevention Scott Hultgren, Ph.D., Washington University in St. Louis
6:45 - 7:30	Molecular determinants of UTI severity - pyelonephritis, cystitis and ABU Catharina Svanborg, M.D., Lund University

Saturday,	August 27,	2016
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7:00 – 5:00	Registration – Congressional Foyer
7:00 - 8:00	Continental Breakfast - Legislative Foyer
	NIH Keynote
8:00 - 8:30	Welcome: Dr. Steve Allen , CEO Nationwide Children's
	Moderator: Sheryl Justice , Ph.D. Nationwide Children's
8:30 - 9:15	From Bedside to Bench: Applying the NIH Lens to a Clinician Perspective of UTI Research Needs Tamara Bavendam, M.D., National Institutes of Health
	Session I: Biogenetics and Meta'omics in UTI
	Moderator: Sheryl Justice , Ph.D. Nationwide Children's
9:15 - 9:35	Coordinating experimental and genomics approaches to studying UTI Swaine Chen, M.D., Ph.D., Genome Institute of Singapore
9:35 – 9:55	Revealing the evolution of multidrug resistant Escherichia coli Scott Beatson, Ph.D., The University of Queensland
9:55 – 10:15	DamX – a novel factor involved in UPEC shape shifting Jakob Møller-Jensen, Ph.D., University of Southern Denmark
10:15 - 10:30	Break
	Session II: UTI Pathogenesis
	Moderator: Mathew Mulvey, Ph.D., University of Utah
10:30 - 10:50	Host innate immune defects as a mechanism of UTI susceptibility Andy Schwaderer , M.D., Nationwide Children's
10:50 - 11:10	Fimbriae, fortresses, flow, and fit: Proteus mirabilis uropathogenesis Melanie Pearson , Ph.D., New York University
11:10 - 11:30	Enterococcus faecalis <i>Immune Modulation During Catheter- Associated UTI</i> Kimberly Kline , Ph.D., Nanyang Technical University
11:30 - 11:50	Risk factors for acquisition of multidrug-resistant Escherichia coli and development of community-acquired UTIs Amee Manges, MPH, Ph.D., School of Population Public Health

11:50 - 12:10	Revolutionizing Urological Diagnostic Microbiology-Update Bernard Churchill, M.D., University of California-Los Angeles
12:10 - 1:00	Box Lunch – Legislative Foyer
	Session III: Selected from Abstracts
	Moderator: Rod Welch, Ph.D., University of Wisconsin
1:00 - 1:15	A T6SS Immunity Protein Acts as a Kin Identifier during Intraspecies Warfare Christopher J. Alteri, University of Michigan Medical School
1:15 - 1:30	Dissecting UPEC biofilm subpopulations unveils oxygen- dependent regulation of type 1 pili mediated by FNR Kyle A. Floyd , Vanderbilt University
1:30 - 1:45	Transient exposures to dysbiotic vaginal bacteria activate latent E. coli infection in the urinary tract Nicole M. Gilbert, Washington University in Saint Louis
1:45 – 2:00	A mucosal imprint left by prior E. coli bladder infection sensitizes to recurrent disease
	Valerie P. O'Brien, Washington University in Saint Louis
2:00 - 4:00	Valerie P. O'Brien, Washington University in Saint Louis Poster Session – Senate Room
2:00 - 4:00	
2:00 - 4:00	Poster Session – Senate Room Session IV: From Bench to Bedside
2:00 - 4:00 4:00 - 4:20	Poster Session – Senate Room Session IV: From Bench to Bedside Structure/Function in the Urinary Tract
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4:00 - 4:20	Poster Session – Senate Room Session IV: From Bench to Bedside Structure/Function in the Urinary Tract Moderator: Mark Schembri, Ph.D., University of Queensland Inhibition of Pilus Assembly by the Small Molecule Nitazoxanide David Thanassi, Ph.D., Stony Brook University Procalcitonin: An Alternative "Top Down" Approach to the Detection of Clinically Significant Vesicoureteral Reflux?
4:00 - 4:20 4:20 - 4:40	Poster Session – Senate Room Session IV: From Bench to Bedside Structure/Function in the Urinary Tract Moderator: Mark Schembri, Ph.D., University of Queensland Inhibition of Pilus Assembly by the Small Molecule Nitazoxanide David Thanassi, Ph.D., Stony Brook University Procalcitonin: An Alternative "Top Down" Approach to the Detection of Clinically Significant Vesicoureteral Reflux? H. Gil Rushton, M.D., Children's National Cytokines and Urinary Tract Infections - Not Mere Numerology

Sunday, August 28, 2016

7:00 – 8:00	Continental Breakfast – Legislative Foyer	
	Keynote: Point/Counterpoint	
	Moderator: Christina Ching, M.D., Nationwide Children's	
8:00 - 8:45	Controversies regarding the management of children with UTI: Perspectives of a pediatrician and a pediatric urologist	
	Craig Peters , M.D., University of Texas Southwestern Kenneth Roberts , M.D., University of North Carolina	
	Session V: Microbiome landscape: shaping susceptibility to UTI	
	Moderator: Christina Ching, M.D., Nationwide Children's	
8:45 – 9:05	Acquisition, Evolution and Remodeling of the Gastrointestinal and Genitourinary Microbiomes Sheryl Justice, Ph.D., Nationwide Children's Hospital	
9:05 – 9:25	Bacteriophage as a Treatment Strategy for Pseudomonas UTI Barbara Trautner, M.D., Ph.D., Department of Veterans Affairs	
9:25 - 9:45	Urine microbiome: redefining health and disease Hans Pohl, M.D., Children's National	
9:45 - 10:05	Probiotics as a Prevention Strategy for UTI? Ann Stapleton, M.D., University of Washington	
10:10 - 10:30	Break	
	Closing Keynotes	
	Moderator: Mathew Mulvey , Ph.D., University of Utah	
10:30 - 11:15	Bacterial Exocytosis by Infected Bladder Epithelial Cells Soman Abraham, Ph.D., Duke University	
11:15 - 12:00	E. coli <i>Gene Expression during Acute Uncomplicated Cystitis in Women</i> Harry Mobley , Ph.D., University of Michigan	
12:00 - 12:10	Closing Remarks and Adjournment Mathew Mulvey, Ph.D., University of Utah	

Box Lunch to Go-Legislative Foyer