

The Columbia O'Brien Urology Center Symposium

Oct. 25, 2019

Complimentary Symposium

The Microbiome of the Urogenital Tract & Its Immune Defense

- 8:00 *Breakfast & Registration*
- 8:25 *Welcome & Introduction*
Cathy Lee Mendelsohn PhD, *Columbia University*
- 8:30 *Programmable Bacteria Induce Durable Tumor Regression & Systemic Antitumor Immunity*
Nick Arpaia PhD, *Columbia University*
- 9:00 *The Microbiome: Taxonomy & Beyond*
Tal Korem PhD, *Columbia University*
- 9:30 *The Gut Microbiome as a Reservoir for Multi-Drug Resistant Bacteria*
Anne-Catrin Uhlemann MD, PhD, *Columbia University*
- 10:00 *The Urobiome & its Relationship to UTI*
Alan J. Wolfe PhD, *Loyola University, Chicago*
- 10:30 *Break*
- 10:45 *The Establishment & Eradication of Intracellular Bacterial Reservoirs within the Bladder*
Matt A. Mulvey PhD, *University of Utah*
- 11:15 *Role of the Gut Microbiome in Kidney Stones*
Lama Nazzal MD, *New York University*
- 12:15 *UTI Complexity at the Bacterial-Host Interface: Blueprint for Antibiotic-Sparing Therapeutics*
Scott J. Hultgren PhD, *Washington University*
- 12:45 *Lunch*
- 1:30 *TBD*
Sankar Ghosh PhD, *Columbia University*
- 2:00 *Urinary Defense Against Heme*
Cathy Mendelsohn PhD, *Columbia University*
- 2:30 *Autophagy, Aging, Immunity: Impact on Host-Pathogen Interactions in the Bladder*
Indira Mysorekar PhD, *Washington University*
- 3:00 *Break*
- 3:15 *Insulin Resistance Promotes Epithelial Innate Immune Dysfunction & Risk for Urinary Tract Infection*
John Spencer MD, *Ohio State University*
- 4:15 *Discovery & Interpretation of Genetic Mutations*
Ali Gharavi MD, *Columbia University*
- 4:45 *Closing Remarks*

Location
Columbia University
Low Memorial Library
Broadway at 116th Street
New York, NY 10027

Register at ColumbiaMedicineCME.org