

The Columbia O'Brien Urology Center Symposium

COLUMBIA MEDICINE

October 20, 2021

Urothelium-Epithelia at the Front Line

- 8:55 Welcome & Introduction
Ali Gharavi, MD, Cathy Lee Mendelsohn, PhD, & Jonathan Barasch, MD, PhD, *Columbia University, Course Directors*
- 9:00 **Clinical Inspection of the Urothelium**
James McKiernan, MD, *Columbia University*
- 9:25 **The Generation and Repair of the Urothelium**
Cathy Lee Mendelsohn, PhD, *Columbia University*
- 9:50 **Identifying Clinically Important Genes in the Urogenital System**
Ali Gharavi, MD, *Columbia University*
- 10:15 **Identifying Sex Differences in the Urothelium**
Sean Li, PhD, *Cedars Sinai*
- 10:40 *BREAK*
- 10:55 Pilot Awardee: **Control of Urothelial Regeneration**
David De Graff, PhD, *President & CEO, Abcuro*
- 11:10 Pilot Awardee: **Phenotyping and Genetic Analysis of Interstitial Cystitis/Bladder Pain Syndrome**
Catherine Brownstein, PhD, MPH, *Harvard Medical School*
- 11:25 *BREAK*
- 11:40 **The Role of the Urothelium in Mechanosensation**
Gerry Apodaca, PhD, *University of Pittsburgh*
- 12:05 **Myogenic Models of Bladder Emptying**
Mark Nelson, PhD, *University of Vermont*
- 12:30 **CNS Control of Micturition**
Jason Van Batavia, MD, *Children's Hospital of Philadelphia & University of Pennsylvania*
- 12:55 *LUNCH*
- 1:30 **Invasion of Urothelium**
Matt Mulvey, PhD, *University of Utah*
- 1:55 **Nutritional Immunity**
Jon Barasch, MD, PhD, *Columbia University*
- 2:20 **Immunologic Responses to UTI**
Molly Ingersoll, PhD, *Institut Cochin & Institut Pasteur*
- 2:45 **Antimicrobial Resistance**
Anne Catrin-Uhlemann, MD, PhD, *Columbia University*
- 3:10 *BREAK*
- 3:25 **Prostatic Urethra and Urothelial Cell Types**
Doug Strand, PhD, *University of Texas Southwestern*
- 3:50 **Hormonal Regulation of Prostatic Epithelium**
Will Ricke, PhD, *University of Wisconsin-Madison*
- 4:15 **Regulation of Urothelial Homeostasis and Infection Dynamics**
Indira Mysorekar, PhD, *Baylor College of Medicine*
- 4:40 Pilot Awardee: **The Urogenital Macrophages**
Nick Steers, PhD, *Columbia University*
- 4:55 *CLOSING REMARKS*

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