

Multidisciplinary Benign Urology Research Day

Friday, May 11, 2018

Albert Eye Research Institute Auditorium, Duke University

Sponsored by: **Duke Multidisciplinary K12 Urologic Research Career Development Program (KURe)**
and **Duke Pelvic Medicine Research Consortium (PMRC)**.

AGENDA

- 8:00 AM Registration and Poster Viewing
Coffee, Tea, Light Breakfast
- 8:30 AM **Welcome and Introductions**, Cindy Amundsen, MD, KURe PI and PD
- 8:40 AM **Moderator:** Dan Wollin, MD
Keynote Speaker: Greg Tasian, MD, MSc, MSCE, University of Pennsylvania
"Pediatric Urinary Stone Disease: Epidemiology and the Exposome"
- 9:20 AM **Moderator:** R. Ann Word, MD
Oral Trainee Presentations:
- 9:20 AM **Best Basic Science Abstract:** Nathan Hirshman, BS, Duke University
"Symptoms of Diabetic Bladder Dysfunction may be Explained by Specific NLRP3-induced Changes in Bladder Afferent Nerves"
- 9:35 AM **Best Clinical Science Abstract:** Leonid I Aksenov, BS, Duke University
"Analgesic Prescribing Patterns in Emergency Departments for Acute Symptomatic Urinary Stone Disease, 2006-2014"
- 9:50 AM **Poster Session-1 (odd numbered posters)** and Refreshments
- 10:45 AM **Moderators:** Evan Carlos, MD and Ashley Wietsma, MD
Panel Discussion: From Molecules to the Masses: Emerging Evidence on Oxidative Stress and Urinary Stone Disease
Panelists: David Goldfarb, MD, Nephrology, NYU. *Dietary and Environmental Exposures*
Tanecia Mitchell, PhD, Urology, University of Alabama. *Molecular Mechanisms*
Jonathan Routh, MD, Pediatric Urology, Duke Univ. *Clinical and Economic Impact*
Charles D. Scales Jr., MD, Urology, Duke University. *Epidemiology*
Greg Tasian, MD, MSc, MSCE, Urology, University of Pennsylvania
- 11:45 PM **Lunch with the Experts**
- 12:45 PM **Poster Session-2 (even numbered posters)**
- 1:40 PM **Moderator:** Claire Wiley, VMD
Keynote Speaker: Sheela Sathyanarayana, MD, MPH, University of Washington
"Environmental Endocrine Disrupting Chemicals and Sex Specific Genitourinary Development"
- 2:20 PM **Moderators:** Benjamin Harris, MD and Kelly Acharya, MD
Panel Discussion: Genitourinary Development and Disease
Role of Environmental Exposures and Lifestyle
Panelists: Emily S. Barrett, PhD, Epidemiology, Rutgers School of Public Health
Susan K. Murphy, PhD, Ob/Gyn, Duke University
Heather Patisaul, PhD, Neuroscience, Endocrinology, & Toxicology, NC State Univ.
Sheela Sathyanarayana, MD, MPH, Pediatrics, University of Washington
- 3:20 PM **Presentation of Trainee Awards**, Matthew O. Fraser, PhD
- 3:25 PM **Conclusions**