THURSDAY, APRIL 29TH (via Zoom)

12:50 pm  CHECK IN: Test your audio, video, chat box, and raising hands for asking questions. Obtain the link to the Symposium Program Booklet

1:00 pm  WELCOME AND INTRODUCTIONS:
Cindy L. Amundsen, MD, Duke KURe PI and Program Director

1:10 pm  ORAL PLATFORM PRESENTATIONS:
Moderator: Maryrose Sullivan, PhD, Harvard Medical School, KURe Advisory Committee,

Basic Science Award
Loss of Osteopontin Leads to the Resolution of E. Coli-Induced Prostatic Inflammation and Fibrosis
Petra Popovics, PhD, Univ. of Wisconsin, School of Medicine and Public Health

Translational Science Award
Potential Diagnostic Value of Urine MicroRNAs for Female Patients with Overactive Bladder
Stephanie Sirmakesyan, BS, McGill University, Montreal, Quebec

KURe Scholar
How Relative is Bladder ‘Continence’ for Those with Spina Bifida: Data From the National Spina Bifida Patient Registry
Maryellen Kelly, DNP, CPNP, MHSc, Duke Univ. School of Nursing

1:55 pm  ORAL ABSTRACT PRESENTATIONS – Concurrent Sessions
Session A: Quality Improvement/ Prediction/ Economics/ Outcomes
Moderators: Maryellen Kelly, DNP, CPNP, MHSc, Duke, KURe Scholar
Rohit Tejwani, MD, Duke, Previous KURe Symposium Awardee

Session B: Voiding Dysfunction & Urinary Tract Infection
Moderators: Karl Kreder, MD, MBA, Univ. of Iowa, KURe Advisory Committee
Tatyana Sysoeva, PhD, Univ. of Alabama, KURe Alumni Scholar

Session C: Nephrolithiasis & Overactive Bladder
Moderators: Charles Scales, Jr., MD, MSHS, Duke, KURe Mentor
Nazema Siddiqui, MD, Duke, KURe Alumni Scholar

3:10 pm  BREAK
THURSDAY, APRIL 29TH

3:20 pm  NEUROUROLOGY KEYNOTE SPEAKER:
Janet R. Keast, PhD, Professor and Chair Anatomy & Neuroscience, Univ. of Melbourne
Constructing a Sacral Visceral Connectome to Advance Bioelectronic Medicine
Moderator: Eric Gonzalez, PhD, Duke, KURe Alumni Scholar

4:00 pm  PANEL DISCUSSION:
BEYOND UROLOGY: HOW COLLABORATIONS ARE ADVANCING NEUROUROLOGY
Moderators: Jim Hokanson, PhD, Med. College Wisconsin, KURe Alumni Scholar
Armand Allkanjari, MD, Duke, Urology Resident
Panelists:
Tim Bruns, PhD, Associate Professor, Biomedical Engineering, Univ. of Michigan
Janet R. Keast, PhD, Professor, Anatomy & Neuroscience, Univ. of Melbourne
Rose Khavari, MD, Associate Professor, Urology, Weill Cornell Medicine
Michael R. Ruggieri, Sr, PhD, Professor, Anatomy & Cell Biology, Temple Univ.

4:50 pm  CLOSING & PREVIEW OF FRIDAY EVENTS:
Cindy L. Amundsen, MD, Duke KURe PI and Program Director

5:00 pm  THURSDAY ADJOURNMENT

FRIDAY, APRIL 30TH (via Zoom)

11:45 am  SMALL GROUP DISCUSSIONS WITH EXPERTS (signup required)

12:50 pm  CHECK IN: Test your audio, video, chat box, and raising hands for asking questions.
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1:00 pm  WELCOME AND INTRODUCTIONS:
Cindy L. Amundsen, MD, Duke KURe PI and Program Director

1:10 pm  SEXUAL MEDICINE KEYNOTE SPEAKER:
Arthur L. Burnett, II, MD, Patrick C. Walsh Professor of Urology, Johns Hopkins
Nitric Oxide Revolutionized Lower Genitourinary Tract Therapies: From Bench to Bedside
Moderator: Michael Odom, PhD, Duke, KURe Scholar
1:50 pm  **ORAL ABSTRACT PRESENTATIONS** – Concurrent Sessions

**Session D: Benign Prostatic Hyperplasia**
Moderators: Philip Walther, MD, PhD, Duke, KURe Advisory Committee
Leonid Aksenov, MD, Duke, Previous KURe Symposium Awardee

**Session E: Reconstructive Surgery & Pelvic Medicine**
Moderators: Matthew Barber, MD, MHS, Duke, KURe Advisory Committee
Brent Nosé, MD, Duke, Previous KURe Symposium Awardee

**Session F: Neurourology**
Moderators: Jennifer Anger, MD, MHS Cedars Sinai, KURe Advisory Committee
Zachary Dionise, MD, Duke Previous KURe Symposium Awardee

3:05 pm  **BREAK**

3:15 pm  **ORAL PLATFORM PRESENTATIONS:**
Moderator: Mary Barbe, PhD, FAA, Temple University, KURe Advisory Committee

*Clinical Science Award*
**Sustained Reduction in Catheter-Associated Urinary Tract Infections using Multi-Faceted Strategies led by Champions: A Quality Improvement Initiative**
Sonali Advani, MBBS, MPH, Infectious Diseases, Duke Univ., KURe Scholar

*KURe Scholar*
**NLRP3-Dependent Mechanisms Responsible for Urothelial Barrier Dysfunction in Diabetic Mice**
Michael Odom, PhD, Urology, Duke University

*KURe Scholar*
**Effect of Epidural Kilohertz Frequency Spinal Cord Stimulation on Lower Urinary Tract Function in a Rat Spinal Cord Transection Model**
Casey Steadman, PhD, Biomedical Engineering, Duke University

4:00 pm  **PANEL DISCUSSION:**
**A MULTIDISCIPLINARY APPROACH TO SEXUAL MEDICINE**
Moderators: Casey Steadman, PhD, Duke, KURe Scholar
Christopher Kim, MD, Duke Urology Resident

Panelists:
Arthur Burnett, MD, Professor, Urology, Johns Hopkins
Anita Clayton, MD, Chair, Psychiatry & Neurobehavioral Sci., Univ. of Virginia
Lesley Marson, PhD, VP, Preclinical Research, Dignify Therapeutics, NC
Clinton Webb, PhD, Dir. Cardiovascular Translational Research Ctr., Univ. of SC

4:50 pm  **PRESENTATION OF TRAINEE AWARDS AND CLOSING REMARKS**
Friederike L. Jayes, DVM, PhD, Duke KURe Program Coordinator

5:00 pm  **FRIDAY ADJOURNMENT**