

- 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: Todd Purves, MD, KURe Mentor
- Basic Science Award** **Matrix-Metalloproteinase-9 plays a key role in the secretion of nerve growth factor from rat bladder cells***
Aya Hajj, MSc, McGill University, Montreal, Quebec
- KURe Scholar** **Transcriptome analysis of mouse dorsal root ganglia following recurrent urinary tract infection reveals potential therapeutic targets for pain relief***
Byron Hayes, PhD, Pathology, Duke University
- Clinical Science Award** **Rural for-profit hospitals are associated with higher reported prices for ureteroscopy with laser lithotripsy among commercially insured patients***
Ian Berger, MD, MSHP, Surgery, Division of Urology, Duke University
- 1:55 pm **ORAL ABSTRACT PRESENTATIONS – Concurrent Sessions**
- Session A: Clinical Outcomes & Health Services Research**
Moderators: Jonathan Routh, MD, MPH, KURe Scholar Alumnus
Hayley Premo, BS, Medical Student
- Session B: Voiding Dysfunction & Underactive Bladder**
Moderators: Gabrielle McNary, MD, Urology Resident
Karl Kreder, MD, MBA, KURe Advisory Committee
- Session C: Nephrolithiasis & Infection**
Moderators: Derek Ho, PhD, KURe Scholar Alumnus
Charles Scales, Jr., MD, MSHS, KURe Mentor
- 3:10 pm **BREAK**
- 3:20 pm **CHRONIC UROLOGIC PAIN DISORDER KEYNOTE SPEAKER:**
J. Curtis Nickel MD, FRCSC, Professor of Urology, Queen's University, Kingston, Ontario
Managing Urologic Chronic Pelvic Pain Syndromes: Re-evaluating Old Treatments in New Paradigms
Moderator: Cassandra Kisby, MD; KURe Scholar
- 4:00 pm **PANEL DISCUSSION: CHRONIC UROLOGIC PAIN DISORDERS**
Moderators: Byron Hayes, PhD, KURe Scholar
Anissa Cervantes, BS, Medical Student
- Panelists:**
Michael Chancellor, MD - Director of Neurourology, William Beaumont Hospital
Susan Lutgendorf, PhD - Professor, Psychological and Brain Sciences, Univ. of Iowa
J. Curtis Nickel MD - Professor of Urology, Queen's Univ. at Kingston Canada
Andrew Schrepf, PhD - Professor, Anesthesiology, University of Michigan
- 4:50 pm **CLOSING & PREVIEW OF FRIDAY EVENTS:**
Cindy L. Amundsen, MD, Duke KURe PI and Program Director
- 5:00 pm **THURSDAY ADJOURNMENT**

- 11:30 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 **ORAL PLATFORM PRESENTATIONS:**
Moderator: Jennifer Anger, MD, KURe Advisory Committee
- KURe Scholar Resistance of urinary microbiome: urinary lactobacilli vary in ability to inhibit uropathogens***
Tanya Sysoeva, PhD, Univ. of Alabama, KURe Scholar Alumna
- Translational Science Award Specialized proresolving mediators reverse effects of chronic inflammation in diabetic bladder dysfunction***
Anissa Cervantes, BS, Duke University
- KURe Scholar Regenerative medicine approach to augment surgical repair of genitourinary injuries***
Cassandra Kisby, MD, Division of Urogynecology, Duke University
- 1:55 pm **ORAL ABSTRACT PRESENTATIONS – Concurrent Sessions**
- Session D: Overactive Bladder**
Moderators: Jim Hokanson, PhD, KURe Scholar Alumnus
Petra Popovics, PhD, Previous KURe Symposium Awardee
- Session E: Neurourology**
Moderators: Maryrose Sullivan, PhD, KURe Advisory Committee
Ian Berger, MD, MSHP, Urology Resident
- Session F: Urologic Development & Reconstruction**
Moderators: Matthew Barber, MD, MHS, Duke, KURe Advisory Committee
Leonid Aksenov, MD, Duke, Previous KURe Symposium Awardee
- 3:10 pm **BREAK**
- 3:20 pm **SCIENCE OF THE UNDERACTIVE BLADDER KEYNOTE SPEAKER:**
Professor Karl-Dietrich Sievert, MD PhD, FACS, FRCS, Chair, Urology Department,
Klinikum Lippe, Clinic of the University of Bielefeld
Future directions in research and clinical application for patients with underactive bladder
Moderator: Doug Luchristt, MD, MPH, Previous KURe Symposium Awardee
- 4:00 pm **PANEL DISCUSSION: SCIENCE OF THE UNDERACTIVE BLADDER**
Moderators: Eric Gonzalez, PhD, KURe Scholar Alumnus and Michael Odom, PhD, KURe Scholar
- Panelists:**
Lori Ann Birder, PhD - Professors, Renal - Electrolyte Division, University of Pittsburgh
Michael Chancellor, MD - Director of Neurourology, William Beaumont Hospital
Warren Grill, PhD - Professor, Biomedical Engineering, Duke University
Karl-Dietrich Sievert, MD PhD - Professor Urology, Detmold, Germany
- 4:50 pm **PRESENTATION OF TRAINEE AWARDS AND CLOSING REMARKS**
Friederike L. Jayes, DVM, PhD, Duke KURe Program Coordinator
- 5:00 pm **FRIDAY ADJOURNMENT**