

SBUR Spring Meeting at AUA2019

Saturday, May 4



SPRING MEETING BROCHURE

SBUR/SUO Joint Morning Session Education Needs & Objectives

Educational Needs

Pathophysiology of the GU tract is complex. Treatment of GU malignancies has relied heavily on a single type of treatment administered at one time, followed by other modalities depending on treatment success. However, there is reason to believe multimodality therapy would have increased likelihood of efficacy. The goal of the meeting on is to address knowledge gaps and discuss the benefits and limitations of multimodality therapy for prostate, bladder and renal cancers.

Educational Objectives

At the conclusion of the SBUR/SUO Morning Meeting, participants will be able to:

- Recognize the best multimodality systemic therapy advances for metastatic hormone-resistant prostate cancer.
- Explain the concept of oligometastatic treatment.
- Describe therapeutic advances in BCG-unresponsive non-muscle-invasive bladder cancer, including immune-based therapy, enhanced delivery systems and combination chemo-immune therapy.
- Discuss the best systemic therapy advances in metastatic kidney cancer.
- Describe the role of radical nephrectomy in the post-tyrosine kinase inhibitor era in renal cancer.
- Describe the impact of biological sex on manifestation of various lower urinary tract disorders including voiding dysfunction, infection and cancer.
- Explain the influence of resident microbes on urinary tract function and dysfunction, and the response to therapeutic intervention.

SBUR Afternoon Breakout Sessions Education Needs & Objectives

Educational Needs

It is increasingly apparent that health states and manifestation of diseases throughout the body, including the genitourinary tract, are greatly influenced by both non-modifiable factors such as biological sex and potentially modifiable factors such as the microbiome. To best treat patients with diseases of the genitourinary system, it is essential to fill gaps in our knowledge regarding the impact of sex differences and microbes on urologic health and disease. It is anticipated that increased understanding of these factors will enable improved treatment of patients with both benign and malignant GU diseases.

Educational Objectives

At the conclusion of the SBUR Afternoon Breakout Sessions, participants will be able to:

- Describe the impact of biological sex on manifestation of various lower urinary tract disorders including voiding dysfunction, infection and cancer.
- Explain the influence of resident microbes on urinary tract function and dysfunction, and the response to therapeutic intervention.



Society for Basic Urologic Research and Society of Urologic Oncology (SBUR/SUO) 2019 AUA Accreditation Information

Accreditation: The American Urological Association (AUA) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

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- Inclusion of moderated panel discussion
- Publication of a parallel or rebuttal article for an article that is felt to be biased
- Limit equipment representatives to providing logistics and operation support only in procedural demonstrations
- Divestiture of the relationship by faculty

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**Society for Basic Urologic Research & Society of Urologic Oncology
Joint Morning Session Schedule**

7:55–11:50am | McCormick Place Convention Center West Building Room W196

7:55–8:00am **Welcome and Introduction** — *Rosalyn Adam, PhD; SBUR Vice President and Spring Program Chair; Michael S. Cookson, MD, MMHC, SUO President-Elect and Spring Program Chair*

8:00–9:00am **Metastatic Prostate Cancer**

8:00–8:05am **Moderator** — *Daniel Lin, MD*

8:05–8:20am **Basic Science Perspective: The Big Picture for Mechanisms of Resistance in Prostate Cancer** — *Nimar Sharifi, MD*

8:20–8:35am **Clinical Perspective: The Evolving Therapeutics of Advanced Prostate Cancer – “It’s A New World Order”** — *Maha Hussain, MD, FACP*

8:35–8:55am **Panel Discussion** — *Nima Sharifi, MD; Maha Hussain, MD, FACP; Edouard Trabulsi, MD, FACS; Mark Garzotto, MD*

9:00–10:00am **BCG Unresponsive Non-Muscle Invasive Bladder**

9:00–8:05am **Moderator** — *James McKiernan, MD*

9:05–9:20am **Basic Science Perspective: Budding Biotechnologies for Bladder Cancer** — *Brant Inman, MD, MS, FRCSC*

9:20–9:35am **Clinical Perspective: BCG Unresponsive Non-Muscle Invasive Bladder Cancer** — *Stephen A. Boorjian, MD*

9:35–9:55am **Panel Discussion** — *Brant Inman, MD, MS; Stephen A. Boorjian, MD; Peter Clark, MD; Matthew Nielsen, MD, MS*

10:00–10:50am **Metastatic Kidney Cancer**

10:00–10:05am **Moderator** — *Steve Campbell, MD, PhD*

10:05–10:20am **Basic Science Perspective: Basic/Translational Aspects Underlying Cytoreductive Nephrectomy and Integration of Surgery/Systemic Therapies** — *Walter Stadler, MD*

10:20–10:35am **Clinical Perspective: Clinical and Surgical Perspectives on Cytoreductive Nephrectomy** — *Robert Uzzo, MD*

10:35–10:50am **Panel Discussion** — *Walter Stadler, MD; Robert Uzzo, MD; Surena Matin, MD*

10:55–11:50am **Donald S. Coffey Lecture: Breast Tumor Heterogeneity**

10:55–11:00am **Introduction** — *Rosalyn Adam, PhD*

11:00–11:40am **Donald S. Coffey Lecture: Breast Tumor Heterogeneity** — *Kornelia Polyak, MD, PhD, Professor of Medicine, Dana-Farber Cancer Institute, Harvard Medical School*

Kornelia Poyak MD, PhD is a Professor of Medicine at Dana-Farber Cancer Institute, Harvard Medical School, and is an internationally recognized leader of the breast cancer field. Dr. Polyak received her MD in 1991 from Albert Szent-Gyorgyi Medical University, Szeged, Hungary, and her PhD in 1995 from Cornell University/Memorial Sloan-Kettering Cancer Center. She completed a research fellowship in oncology at the Johns Hopkins Oncology Center, Baltimore, where she analyzed the mechanism of p53-mediated cell death. Joining DFCI in 1998, she is principally involved in basic laboratory research focusing on cancer genetics and the molecular basis of breast cancer.

11:40–11:50am **Q & A**

12–1pm | SBUR Member Luncheon
McCormick Place Convention Center West Building Room W193A

Society for Basic Urologic Research
Afternoon Breakout Session Schedule

1:00–4:00pm | McCormick Place Convention Center West Building Room W193B

1:00–1:05pm **Welcome and Introduction**
— *Rosalyn Adam, PhD, SBUR Vice President and Spring Program Chair*

1:05–2:30pm **Session I: Sex Differences in Urologic Health and Disease**

1:05–1:20pm Sex, Epigenetics and Bladder Cancer — *Sean Li, PhD*
1:20–1:35pm Androgen Receptors in Kidney Tumors and Kidney Stones — *Chawnshang Chang, PhD*
1:35–1:50pm Sexual Dimorphisms in Neurourology — *Stephen Zderic, MD*
1:50–2:05pm Sex Differences in Urologic Chronic Pelvic Pain Syndrome — *Jennifer Anger, MD, MPH*
2:05–2:25pm Panel Discussion — *Moderators: Rosalyn Adam, PhD; Laura Lamb, PhD*

2:30–4:00pm **Session II: Microbes and the Urinary Tract**

2:35–2:50pm Urine is Not Sterile: What's Next? — *Alan Wolfe, PhD*
2:50–3:05pm The Genitourinary Microbiome, Inflammation, and Prostate Disease — *Karen Sfanos, PhD*
3:05–3:20pm The Unexpected Role of the Urinary Microbiome in Bladder Cancer Immunotherapy Efficacy — *Randy Sweis, MD*
3:20–3:35pm The Impact of Microbial Immune Modulation on Prostate Disease — *Praveen Thumbikat, DVM, PhD*
3:35–4:00pm Panel Discussion — *Moderators: Magdalena Grabowska, PhD; Leigh Ellis, PhD*

