

# 2021 ANNUAL MEETING

## NOVEMBER 4-7

JW MARRIOTT ORLANDO, GRANDE LAKE  
ORLANDO, FL



## Program Schedule

### Thursday, November 4th

TBD	Trainee Affairs Career Symposium	Chairs: Dr. Daniel Frigo and Dr. Tanya Stoyanova
6:00-6:05pm	Welcome & Introductory Remarks	Susan Kasper, PhD, SBUR President
6:05-6:10pm	Tribute to Leland Chung	TBD
6:10-7:10pm	<b>Leland W. K. Chung Lecture</b> Immune Response and Immunotherapy in Urological Diseases	Padmanee Sharma, MD, PhD MD Anderson, TX
7:10-7:30pm	Leland W. K. Chung Lecture Discussion	Discussion Leaders: Gail Prins, MD and Jindan Yu, MD

### Friday, November 5th

#### Plenary Session I: Emerging Technologies and Models for Urological Research

8:00-8:20am	Genetically Engineered Mouse Models of Urological Cancers	Cory Abate-Shen, PhD (Columbia University, NY)
8:20-8:30am	Discussion	Session Discussion Leaders: Natasha Kyprianou, PhD and Allen Gao, PhD
8:30-8:50am	PDX and PDO Models to Study Bone Metastatic Prostate Cancer	Christina Jamieson, PhD (UCSD, CA)
8:50-9:00am	Discussion	Natasha Kyprianou, PhD and Allen Gao, PhD
9:00-9:20am	CRISPR Editing Technologies	Stanley Qi, PhD (Stanford University, CA)
9:20-9:30am	Discussion	Natasha Kyprianou, PhD and Allen Gao, PhD
9:30-9:40am	Travel Award Presentation #1	TBD
9:40-9:45am	Discussion	Natasha Kyprianou, PhD and Allen Gao, PhD
9:45-9:55am	Travel Award Presentation #2	TBD
9:55-10:00am	Discussion	Natasha Kyprianou, PhD and Allen Gao, PhD
10:00-10:15am	Break	

### Friday, November 5th

#### Plenary Session II: Endocrine and Genetic Regulations in Urological Biology

10:15–10:35am	Molecular Mechanisms in Epididymis Epithelial Function	Ann Harris, PhD (Case Western University, OH)
10:35–10:45am	Discussion	Session Discussion Leaders: Zhou Wang, PhD and Scott Dehm, PhD
10:45–11:05am	HSP90 in Kidney Cancer	Mehdi Mollapour, PhD (Upstate Medical Univ, NY)
11:05–11:15am	Discussion	Zhou Wang, PhD and Scott Dehm, PhD
11:15–11:35am	Androgen Receptor Splice Variants In Prostate Cancer	Yan Dong, PhD (Tulane University, LA)
11:35–11:45am	Discussion	Zhou Wang, PhD and Scott Dehm, PhD
11:45am–12:05pm	Understanding and Targeting Therapy-Induced Androgen Receptor Pathway Loss in Prostate Cancer	Joshi Alumkal, MD, (University of Michigan, MI)
12:05–12:15pm	Discussion	Zhou Wang, PhD and Scott Dehm, PhD
12:15–1:45pm	Lunch Break	

#### Plenary Session III: Epigenetic Regulations of Urological Development and Diseases

1:45–2:05pm	Epigenetic and Non-Epigenetic Regulation by EZH2 in Kidney Cancer	Haojie Huang, PhD (Mayo Clinic, MN)
2:05–2:15pm	Discussion	Session Discussion Leaders: Amina Zoubeidi, PhD and Jelani Zarif, PhD
2:15–2:35pm	Regulation of AR Signaling by NSD2 Histone Methyltransferase in Prostate Cancer	Irfan Asangani, PhD (University of Pennsylvania, PA)
2:35–2:45pm	Discussion	Amina Zoubeidi, PhD and Jelani Zarif, PhD
2:45–3:05pm	Epigenetics In Chronic Pelvic Pain	Praveen Thumbikat, PhD (Northwestern, Chicago)
3:05–3:15pm	Discussion	Amina Zoubeidi, PhD and Jelani Zarif, PhD
3:15–3:25pm	Travel Award Presentation #3	TBD
3:25–3:30pm	Discussion	Amina Zoubeidi, PhD and Jelani Zarif, PhD
3:30–3:45pm	Break	

### Friday, November 5th

#### Plenary Session III: Epigenetic Regulations of Urological Development and Diseases

3:45-4:05pm	M6A RNA Methylation in Urological Cancer	Kexin Xu, PhD (UT Health San Antonio, TX)
4:05-4:15pm	Discussion	Session Discussion Leaders: Leigh Ellis, MD and Benyi Li, MD, PhD
4:15-4:35pm	Distinct Genomic And Immune Hallmarks Of Renal Medullary Carcinoma	Pavlos Msaouel (MD Anderson, TX)
4:35-4:45pm	Discussion	Leigh Ellis, MD and Benyi Li, MD, PhD
4:45-4:55pm	Travel Award Presentation #4	TBD
4:55-5:00pm	Discussion	Leigh Ellis, MD and Benyi Li, MD, PhD
5:00-5:10pm	Travel Award Presentation #5	TBD
5:10-5:15pm	Discussion	Leigh Ellis, MD and Benyi Li, MD, PhD
5:15-5:30pm	AUA Office of Research: Update on Urologic Research Support Opportunities	Carolyn Best, PhD (American Urological Association)
5:30-7:15pm	Poster Session	
7:15pm	Trainee Affairs Group Dinner	TBD

### Saturday, November 6th

#### Plenary Session IV: Infection, Inflammation, and Immune Response in Urological Biology

8:00-8:20am	MYC, Microbes and the Prostate Tumor Immune Microenvironment	Sarki Abdulkadir, MD, PhD (Northwestern University, IL)
8:20-8:30am	Discussion	Session Discussion Leaders: Shafiq Khan, PhD and Zongbing You, PhD
8:30-8:50am	Infection and Inflammation in Prostate Cancer Initiation	Karen Sfanos, PhD (Johns Hopkins University, MD)
8:50-9:00am	Discussion	Shafiq Khan, PhD and Zongbing You, PhD
9:00-9:20am	Prostate Cancer and Penile Cancer: Similarity in Immunosuppression?	Xin Lu, PhD (University of Notre Dame, IN)
9:20-9:30am	Discussion	Shafiq Khan, PhD and Zongbing You, PhD
9:30-9:40am	Travel Award Presentation #6	TBD
9:40-9:45am	Discussion	Shafiq Khan, PhD and Zongbing You, PhD
9:45-9:55am	Travel Award Presentation #7	TBD
9:55-10:00am	Discussion	Shafiq Khan, PhD and Zongbing You, PhD
10:00-10:15am	Break	

### Saturday, November 6th

#### Plenary Session IV: Infection, Inflammation, and Immune Response in Urological Biology

10:15–10:35am	Host-Microbe Interactions in Lower Urinary Tract Disorders	A. Lenore Ackerman, MD, PhD (UCLA, LA)
10:35–10:45am	Discussion	Session Discussion Leaders: Douglas Strand, PhD and Travis Jerde, PhD
10:45–11:05am	How Bacteria Co-Opt Respiration During UTI	Maria Hadjifrangiskou, PhD (Vanderbilt University, TN)
11:05–11:15am	Discussion	Douglas Strand, PhD and Travis Jerde, PhD
11:15–11:35am	Tumor Heterogeneity: Implications for Immunotherapy in Bladder Cancer	David DeGraff, PhD (Penn State University, PA)
11:35–11:45am	Discussion	Douglas Strand, PhD and Travis Jerde, PhD
11:45am–12:05pm	Immunotherapy in Urothelial Carcinoma	Petros Grivas, MD, PhD (University of Washington, WA)
12:05–12:15pm	Discussion	Douglas Strand, PhD and Travis Jerde, PhD
12:15–1:30pm	Lunch Break	
1:30–2:20pm	<b>AUA Lecture</b> Targeting Adaptive Stress Pathways in Advanced Prostate Cancer	Martin Gleave, MD (UBC, Canada)
2:20–2:30pm	Discussion	Discussion Leaders: Hari Koul, PhD and Shuk-Mei Ho, PhD

#### Plenary Session V: Biomarkers, Environmental Factors, and Health Disparities in Urological Diseases

2:30–2:50pm	Vitamin D and Prostate Cancer Disparity	Larisa Nonn, PhD (University of Illinois at Chicago, IL)
2:50–3:00pm	Discussion	Session Discussion Leaders: Hari Koul, PhD and Shuk-Mei Ho, PhD
3:00–3:20pm	Clinical Implications of Genomic Classifiers for African American Men with Prostate Cancer	Kosj Yamoah, MD (Moffitt Cancer Center, FL)
3:20–3:30pm	Discussion	Hari Koul, PhD and Shuk-Mei Ho, PhD
3:30–4:30pm	<b>Panel Discussion</b> Health Disparity in Urological Diseases	Moderator: Ganesh Raj, MD, PhD  Patient Advocates: Mr. Michael Crosby and Mrs. Jan Manarite  Clayton Yates, PhD (Tuskegee University, AL) Rosalyn Adam, PhD (Harvard University, MA) Adam Murphy, MD (Northwestern Univ, IL) Jennifer Anger, MD (Cedars Sinai, CA)

### Saturday, November 6th

4:30-5:00pm	Awards Presentations Ceremony
5:00-5:30pm	SBUR Annual Business Meeting
5:30-7:30pm	Poster Session
7:30pm	Dinner On Your Own

### Sunday, November 7th

#### Plenary Session VI: Urological Stem Cells, Lineage Plasticity, and Treatment Resistance

8:00-8:20am	Investigation of Bladder Regeneration and Tumorigenesis by Application of Single Cell RNA-seq	Weiqliang Gao, PhD <i>(International Scholar)</i>
8:20-8:30am	Discussion	Session Discussion Leaders: Jiaoti Huang, PhD and Leah Cook, PhD
8:30-8:50am	Defining Cells of Origin and Oncogenic Drivers for Urologic Cancers	Jung Wook Park, PhD <i>(Duke University, NC)</i>
8:50-9:00am	Discussion	Jiaoti Huang, PhD and Leah Cook, PhD
9:00-9:20am	Germ Cells And Male Infertility	Dolores J. Lamb, PhD <i>(Weill Cornell University, NY)</i>
9:20-9:30am	Discussion	Jiaoti Huang, PhD and Leah Cook, PhD
9:30-9:50am	Human Urine-derived Stem Cells for Urological Applications	Yuanyuan Zhang, PhD <i>(Wake Forest University, NC)</i>
9:50-10:00am	Discussion	Jiaoti Huang, PhD and Leah Cook, PhD
10:00-10:15am	Break	
10:15-10:35am	The cfDNA Methylome Captures Distinction Between Primary and Metastatic Prostate Tumors	Hansen He, PhD <i>(University of Toronto, Canada)</i>
10:35-10:45am	Discussion	Session Discussion Leaders: Tim Ratliff, PhD and Susan Kasper, PhD
10:45-11:05am	Targeting the Lineage Plasticity Driven Resistance in Advanced Prostate Cancer	Ping Mu, PhD <i>(UT Southwestern, TX)</i>
11:05-11:15am	Discussion	Tim Ratliff, PhD and Susan Kasper, PhD
11:15-11:35am	Features of Benign Prostate Stem-Like Cells that May Emerge in Metastasis	Isla Garraway, MD, PhD <i>(UCLA, CA)</i>
11:35-11:45am	Discussion	Tim Ratliff, PhD and Susan Kasper, PhD
11:45-11:55am	Travel Award Presentation #8	TBD
11:55am-12:00pm	Discussion	Tim Ratliff, PhD and Susan Kasper, PhD
12:00-12:05pm	Closing Remarks	Susan Kasper, PhD, SBUR President