



ANNUAL MEETING AGENDA

NOVEMBER 10-13, 2022 | ORLANDO, FLORIDA

THURSDAY, NOVEMBER 10, 2022 (All times are in Eastern Time Zone)

3:00 pm – 5:30 pm	Trainee Affairs Symposium Moderators: <i>Tanya Stoyanova, PhD and John K. Lee, MD, PhD Trainee Affairs Committee Chairs</i>
3:00 pm – 4:00 pm	NIH Grant Writing Tips (K99/R00, F32 – Early Career Grants) <i>Sergey Radaev, PhD</i>
4:00 pm – 5:30 pm	Career Panel Discussion
4:00 pm – 4:20 pm	Introductions
4:20 pm – 5:30 pm	Small Group Discussion with Speakers Participants: <i>Sergey Radaev, PhD, Sarki A Abdulkadir, MD, PhD, Isla Garraway, MD, PhD, Vasan Yegnasubramanian, MD, PhD, and Vivek Arora, MD, PhD</i>
5:30 pm – 6:00 pm	BREAK
6:00 pm – 6:10 pm	Welcome and Introductory Remarks <i>Haojie Huang, PhD, SBUR President</i>
6:10 pm – 6:30 pm	Remembering 30 Years of SBUR <i>Timothy Ratliff, PhD, SBUR Founder and Past President</i>
6:30 pm – 7:30 pm	Leland W.K. Chung Lecture “Stem Cells: Coping with Stress” <i>Elaine Fuchs PhD</i>
7:30 pm – 8:00 pm	EULA and Donald S. Coffey Innovative Research Award Short Talks
8:00 pm – 9:00 pm	Welcome Reception and Networking

FRIDAY, NOVEMBER 11, 2022 (All times are in Eastern Time Zone)

8:00 am – 10:20 am	Plenary Session I: Cellular Communication, Inflammation and Immunology in Urologic Tissue Microenvironments Moderators: <i>Zhou Wang, PhD and Leah Cook, PhD</i>
8:00 am – 8:25 am	Tissue Microenvironment in Urinary Dysfunction <i>Johanna Hannan, PhD</i>
8:25 am – 8:50 am	Coronavirus-Induced Murine Model of Neurogenic Bladder Dysfunction <i>Anna Malykhina, PhD</i>
8:50 am – 9:05 am	Toxoplasma Gondii Infection Induces Urinary Dysfunction in Mice and Correlates to BPH-LUTS Incidence and Epithelial Nodule Formation in Men <i>Emily Stanczak, PhD</i>
9:05 am – 9:30 am	Mechanisms Associated with Bone Tumor Microenvironment and Health Disparities in Prostate Cancer <i>Valerie Odero-Marah, PhD</i>
9:30 am – 9:55 am	Macrophage Migration Inhibitory Factor (MIF): Mediates Bladder Pain through HMGB1 <i>Pedro Vera, PhD</i>
9:55 am – 10:20 am	COFFEE BREAK
10:20 am – 12:15 pm	Plenary Session II: Cellular Identify, Function, and Plasticity in Urologic Biology Moderators: <i>Douglas Stand, PhD and Susan Kasper, PhD</i>
10:20 am – 10:45 am	Sponsored by the Donald Coffey Lectureship Endowment Fund “Genomic Insights into BPH Cells and Signaling” <i>Jonathan Pollack, MD, PhD</i>
10:45 am – 11:00 am	The Expression of Prostatic Androgen Receptor Shows Lobe-Specific Changes During Aging in Mouse <i>Han Zhang, MS</i>
11:00 am – 11:25 am	Strain-Specific Difference in Mouse Prostate Cells <i>Vasan Yegnasubramanian, MD, PhD</i>
11:25 am – 11:50 am	Roles for HOXB13 in AR+ vs AR-Cells <i>Anna Woloszynska, PhD</i>
11:50 am – 12:15 pm	The Origin of Bladder Cancer from Mucosal Field Effects <i>Bogdan Czerniak, MD</i>
12:15 pm – 1:30 pm	LUNCH
1:30 pm – 5:00 pm	Plenary Session III: Post-Transcriptional Gene Regulation in Urologic Disease Moderators: <i>Shawn Lupold, PhD and Charlotte Bevan, PhD</i>
1:30 pm – 1:55 pm	Epigenetics, miRs, and Prostate Disparities <i>Clayton Yates, PhD, Tuskegee University</i>
1:55 pm – 2:10 pm	Alternative Polyadenylation as a Therapeutic Vulnerability in Prostate Cancer <i>Kiel Tietz, PhD</i>
2:10 pm – 2:35 pm	Delineating the Role of mRNA Translation in Bladder Cancer Etiology <i>Andrew Hsieh, MD</i>
2:35 pm – 3:00 pm	SQSTM1/p62 Oxidation in Post-Transcriptional Gene Regulation <i>Benyi Li, MD, KUMC</i>
3:00 pm – 3:30 pm	COFFEE BREAK
3:30 pm – 3:55 pm	The Regulatory Axis of lncRNA PRCAT71-AR in Advanced Prostate Cancer <i>Qi Cao, PhD</i>
3:55 pm – 4:20 pm	Sponsored by the Leland Chung Lectureship Endowment Fund “Androgen Receptor and Non-coding RNAs: Interactions and Implications for Prostate Cancer” <i>Charlotte Bevan, PhD</i>
4:20 pm – 4:35 pm	LSD1 Inhibition Disrupts Super-Enhancer-Driven Oncogenic Transcription Programs in Castration-Resistant Prostate Cancer <i>Muqing Li</i>
4:40 pm – 5:00 pm	AUA Office of Research Update <i>Christine Riordan, PhD</i>
5:00 pm – 7:00 pm	Poster Session #1

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SATURDAY, NOVEMBER 12, 2022 (All times are in Eastern Time Zone)

8:00 am – 11:50 am	Plenary Session IV: Modeling Urologic Biology and Disease Moderators: <i>Larisa Nonn, PhD, and Sarki Abdulkadir, MD</i>
8:00 am – 8:25 am	Engineering Large Chromosomal Deletions in Mice to Advance Precision Oncology for Prostate Cancer <i>Ming Chen, PhD</i>
8:25 am – 8:50 am	Applying Higher-order Combinatorial Genetics to Model Genitourinary Malignancies <i>John Lee, MD, PhD</i>
8:50 am – 9:05 am	Development of a Novel Pre-Clinical Animal Model to Assess the Immature Rat Kidney and Bladder in Response to Urinary Tract Obstruction <i>Nora Haney, MD, MBA</i>
9:05 am – 9:30 am	Using a Prostate-on-Chip Model to Define Stromal and Epithelial Interaction Mechanisms in Normal and Cancerous Prostate <i>Cindy Miranti, PhD</i>
9:30 am – 10:00 am	COFFEE BREAK
10:00 am – 10:25 am	Filaments Mediated JNK2 Signaling Impairs Smooth Muscle Contraction in Obstructive Bladder Disease <i>Boopathi Ettickan, PhD</i>
10:25 am – 10:50 am	On-Tissue Imaging of Steroid Hormones in Mouse Prostate using MALDI-2 <i>Hannah Miles, BA</i>
10:50 am – 11:20 am	Dr. Leland W.K. Chung Mentorship Award “Remembering the Past and Looking to the Future” <i>Robert Matuski, PhD</i>
11:20 am – 11:35 am	Dr. Leland W.K. Chung Mentorship Award <i>David DeGraff, PhD</i>
11:35 am – 11:50 am	Dr. Leland W.K. Chung Mentorship Award “TBX2 Signaling in the “Crine”-ology of Prostate Cancer Progression and Metastasis” <i>Srinivas Nandana, PhD</i>
12:00 pm – 1:30 pm	LUNCH
1:30 pm – 3:30 pm	Discussion Session: Emerging Practices in Big Data Acquisition and Analysis Moderators: <i>Moray Campbell, PhD, Rendong Yang, PhD, and Sooryanarayana Varambally, PhD</i>
3:30 pm – 4:00 pm	COFFEE BREAK
4:00 pm – 4:30 pm	Awards Ceremony
4:30 pm – 5:00 pm	SBUR Business Meeting
5:00 pm – 7:00 pm	Poster Session #2

SUNDAY, NOVEMBER 13, 2022 (All times are in Eastern Time Zone)

8:00 am – 9:00 am	AUA Lectureship “Environmental Stress in the Development and Maintenance of Urinary Symptoms, Voiding Dysfunction, and Bladder Pain” <i>Larisa Rodriguez, MD</i>
9:00 am – 11:35 am	Plenary Session V: Emerging Pathways, Biomarkers, and Therapeutic Targets in Urologic Disease Moderators: <i>Donald Vander Griend, PhD and Petra Popovics, PhD</i>
9:00 am – 9:25 am	The Yin and Yang of Pioneering Factors in Prostate Cancer <i>Jindan Yu, MD, PhD</i>
9:25 am – 9:40 am	Development of a Novel Oncometabolic Inhibitor for the Treatment of Prostate Cancer and Abstract <i>Dallin Lowder, BS</i>
9:40 am – 10:05 am	PPAR Gamma in Urologic Malignancies: A Complicated Story <i>LaMonica Stewart, PhD</i>
10:05 am – 10:30 am	COFFEE BREAK
10:30 am – 10:45 am	Single-Cell Comparative Biology of MYC-Driven Murine and Human Prostate Cancer <i>Mindy Kim Graham, MD</i>
10:45 am – 11:10 am	Sponsored by the Leland Chung Lectureship Endowment Fund “Caveolins in Bladder Dysfunction” <i>Maryrose Sullivan, PhD</i>
11:10 am – 11:35 am	Nucleosome Remodeling Complex Assemblies as Androgen Receptor Signaling Adapters <i>Jonathan Coulter, PhD</i>
11:35 am	Closing Remarks

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