

SBUR 2025

November 13 - 16, 2025 • Rosen Centre Hotel in Orlando Florida

2025 Program Committee

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Lecture Highlights

Leland W.K. Chung Lecturer
Myles Brown, MD
Dana-Farber Cancer Institute

AUA Lecturer
Jiaoti Huang, MD, PhD
Duke University

Dr. Leland W.K. Chung Mentorship Award Lecture
Will be selected by the Coffey Innovation Award and Chung Mentorship Award Subcommittee

Thursday, November 13, 2025

3:00 pm - 5:30 pm	Trainee Affairs Symposium <i>Chair: Antonina Mitrofanova, PhD (Rutgers University)</i>
6:00 pm - 6:10 pm	Welcome and Introductory Remarks <i>Christina Jamieson, PhD(UCSD), SBUR President</i>
6:10 pm - 7:10 pm	AUA Lectureship: Castration Resistance of Prostate Cancer: Cellular Mechanisms and Novel Therapy Strategies <i>Jiaoti Huang, MD, PhD, Duke University</i>
7:10 pm - 7:30 pm	EULA and Donald S. Coffey Innovative Research Award Short Talks <i>Will be selected by the Coffey Innovation Award and Chung Mentorship Award Subcommittee</i>
7:30 pm - 8:30 pm	Networking and Welcome Reception

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Friday, November 14, 2025

9:00 am - 11:20 am	PLENARY SESSION I: Innovative Models and Technologies in Urological Research <i>Discussion Leaders: Romulo Hurtado, PhD (Weill Cornell Medical College), Everardo Marcias, PhD (Duke University)</i>
9:00 am - 9:25 am	Get Up and Stretch: Compliance, Remodeling and the Sensation of Bladder Fullness <i>Nathan R. Tykocki, PhD (Michigan State University)</i>
9:25 am - 9:50 am	Human Urogenital Organ Chips: Innovative In Vitro Models for Urological Research <i>Zohreh Izadifar, PhD (Boston Children's Hospital)</i>
9:50 am - 10:15 am	Spatial Mapping of Assessable Chromatin Landscapes in Prostate Cancer <i>Leigh Ellis, PhD (Uniformed Service University)</i>
10:15 am - 10:30 am	TRAVEL AWARD PRESENTATION #1
10:30 am - 10:55 am	Cross Species Functionalization of the Cancer Genome <i>Giannicola Genovese, MD, PhD (MD Anderson)</i>
10:55 am - 11:30 am	COFFEE BREAK
11:30 am - 11:50 am	AUA Office of Research Update
11:50 am - 12:50 pm	LUNCH
12:50 pm - 2:45 pm	PLENARY SESSION II: Transcriptional, Post-Transcriptional, and Epigenetic Regulation in Urological Diseases <i>Discussion Leaders: Anna Woloszynska, PhD (Roswell Park) and Meng Zhang, PhD (UCSF)</i>
12:50 pm - 1:15 pm	Epigenetic Regulation of Immune Evasion in Advanced Prostate Cancer <i>Ling Cai, PhD (Duke University)</i>
1:15 pm - 1:40 pm	MYC-driven Vulnerabilities in Prostate Cancer <i>David P. Labbé, PhD (McGill University)</i>
1:40 pm - 1:55 pm	TRAVEL AWARD PRESENTATION #2
1:55 pm - 2:20 pm	Genome-Wide Association Study Across Biobanks Identifies New Susceptibility Loci for Urinary Tract Infections <i>Katherine Xu, PhD (Columbia University)</i>
2:20 pm - 2:45 pm	MAPK4, an Emerging Oncogenic Driver to Promote Prostate Cancer <i>Feng Yang, PhD (Baylor College of Medicine)</i>
2:45 pm - 2:55 pm	COFFEE BREAK

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2:55 pm - 4:45 pm	PLENARY SESSION III: Microbiome, Immunity, and Immune Therapeutics in Urological Diseases <i>Discussion Leaders: Michael Liss, MD, PhD (UCSD), Jennifer Walker, PhD (UT Health Houston)</i>
2:55 pm - 3:20 pm	Decipher Actionable Genetic Alterations for Personalized Immunotherapy in Advanced Prostate Cancer <i>Di Zhao, PhD (MD Anderson Cancer Center)</i>
3:20 pm - 3:45 pm	Microbiome After Menopause: Impact on Urinary Microbiome, Metabolome and Recurrent UTI Susceptibility <i>Nicole J. De Nisco, PhD (The University of Texas at Dallas)</i>
3:45 pm - 4:00 pm	TRAVEL AWARD PRESENTATION #3
4:00 pm - 4:25 pm	The Crosstalk Between Gut and Cancer-Induced Bone Pain <i>Yusuke Shiozawa, MD, PhD (Wake Forest University)</i>
4:25 pm - 4:50 pm	Driving $\gamma\delta$ CAR-T cells into the Bone Metastatic Prostate Microenvironment <i>Conor C. Lynch, PhD (Moffitt Cancer Center)</i>
4:50 pm - 6:45 pm	POSTER SESSION #1

Saturday, November 15, 2025

9:00 am - 10:00 am	Leland W.K. Chung Lecture: Elucidating the Role of MYC Family Members in Prostate Cancer <i>Myles Brown, MD (Dana-Farber Cancer Institute/Harvard)</i>
10:00 am - 12:05 pm	PLENARY SESSION IV: Big Data and Artificial Intelligence in Urology <i>Discussion Leaders: Wei Li, PhD (UC Irvine), Lixin Yang, PhD (University of Chicago)</i>
10:00 am - 10:25 am	Harnessing Artificial Intelligence for Prostate Cancer Care <i>Liang Cheng, MD, MS (Brown University)</i>
10:25 am - 10:40 am	TRAVEL AWARD PRESENTATION #4
10:40 am - 10:50 am	COFFEE BREAK
10:50 am - 11:15 am	Transcriptional and Functional Landscape of Circular RNA in Prostate Cancer <i>Housheng Hansen He, PhD (University of Toronto)</i>
11:15 am - 11:40 am	Learning Multi-Omics-Seq Data to Predict Pioneer Factors-Mediated Nucleosome Repositioning in Lethal Prostate Cancer <i>Victor Jin, PhD (Medical College of Wisconsin)</i>
11:40 am - 12:05 pm	Single-Cell Transcriptome Atlas to Reveal Heterogeneity and Cellular Ecosystem Dynamics During Prostate Cancer Progression <i>Zheng Xia, PhD (Oregon Health & Science University)</i>
12:05 pm - 1:05 pm	LUNCH

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1:05 pm - 3:45 pm	PLENARY SESSION V: Cellular Heterogeneity and Plasticity in Urological Biology <i>Discussion Leaders: Di Vizio, Dolores, MD, PhD (Cedars-Sinai Medical Center), Ming Chen, PhD (Duke University)</i>
1:05 pm - 1:30 pm	Molecular Determinants of Prostate Cancer Lineage Plasticity <i>David Goodrich, PhD (Roswell Park Comprehensive Cancer Center)</i>
1:30 pm - 1:55 pm	Epigenetic Basis & Therapeutic Targeting of Prostate Cancer Heterogeneity and Plasticity <i>Dean Tang, PhD (Roswell Park Comprehensive Cancer Center)</i>
1:55 pm - 2:10 pm	TRAVEL AWARD PRESENTATION #5
2:10 pm - 2:35 pm	Targeting Kidney Cancer: One Model Does Not Fit All <i>Qing Zhang, PhD (UT Southwestern Medical Center)</i>
2:35 pm - 3:00 pm	Multi-Functional Neuronal Protein Drives the Growth, Differentiation, and Metastasis of Advanced Prostate Cancer <i>Jung Wook Park, PhD (Duke University)</i>
3:00 pm - 3:25 pm	Dissecting the Heterogeneity within Aggressive Variant Prostate Cancers <i>Ana Aparicio, MD (MD Anderson Cancer Center)</i>
3:25 pm - 3:35 pm	COFFEE BREAK
3:35 pm - 4:05 pm	Awards Ceremony
4:05 pm - 4:35 pm	SBUR Business Meeting
4:35 pm - 6:35 pm	POSTER SESSION #2

Sunday, November 16, 2025

9:00 am - 10:00 am	Dr. Leland W.K. Chung Mentorship Award: <i>Will be selected by the Coffey Innovation Award and Chung Mentorship Award Subcommittee</i>
10:00 am - 12:45 pm	PLENARY SESSION VI: Novel and Emerging Therapeutic Approaches in Urological Research <i>Discussion Leaders: Kymora Scotland, MD, PhD (UCLA), Su Deng, PhD (Yale University)</i>
10:00 am - 10:25 am	Leveraging the Surgical Trial in Metastatic Prostate Cancer Research: Cytoreductive Radical Prostatectomy in Men with De Novo Metastatic Prostate Cancer <i>Isaac Kim, MD, PhD (Yale University)</i>
10:25 am - 10:50 am	Targeting RNA Methylation for Castration-Resistant Prostate Cancer <i>Kexin Xu, PhD (University of Virginia)</i>
10:50 am - 11:05 am	TRAVEL AWARD PRESENTATION #6
11:05 am - 11:15 am	COFFEE BREAK
11:15 am - 11:40 am	From Prostate Cancer Disparities Research to Precision Medicine <i>Adam Murphy, MD (Northwestern University)</i>
11:40 am - 12:05 pm	Integrating Dietary Interventions with the Treatment of Urological Malignancies <i>Roberto Pili, MD (University at Buffalo)</i>
12:05 pm	Closing Remarks <i>Christina Jamieson, PhD, SBUR President</i>