

MULTIPLE GENETIC AND EPIGENETIC MECHANISMS OF UROLOGIC DISEASE

November 9-12, 2017
Tampa, FL

2017 Program Committee

Cindy Miranti, PhD (SBUR Chair)
Kerstin Junker, MD (ESUR Chair)
Marc Cox, PhD (2018 Chair)
Zongbing You, MD, PhD (Abstract Chair)
Susan Kasper (Advisor)
Scott Dehm, PhD
Laura Lamb, PhD
Li Xin, PhD
Beatrice Knudsen, MD, PhD

Ganesh Raj, President, *ex officio*
Hari Koul, PhD, Past-President, *ex officio*

THURSDAY, NOVEMBER 9, 2017

2:00 - 8:50 p.m.	Registration
3:00 - 5:00 p.m.	Trainee Affairs Career Symposium Shawn Lupold, Chair
3:30 - 6:00 p.m.	Board of Directors Meeting
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7:00 p.m.	Welcome & Introductory Remarks Ganesh Raj SBUR President
	Discussion Leaders: Cindy Miranti, PhD Marc Cox, PhD
7:15 - 8:30 p.m.	AUA Lectureship
7:15 - 8:15 p.m.	David Jarrard, MD - University of Wisconsin Epigenetics and therapy of urologic cancers
8:15 - 8:30 p.m.	Discussion
8:30 - 10:30 p.m.	Reception and Networking

FRIDAY, NOVEMBER 10, 2017

- 8:00 - 12:00 p.m. Plenary Session I: Epigenetic Modifiers**
- Discussion Leaders:**
Scott Dehm, PhD
Edwin Posadas, MD
- 8:00 - 8:25 a.m. Talk 1: Aria Olumi, MD – Harvard Medical School**
Epigenetics of BPH
- 8:25 – 8:35 a.m. Discussion**
- 8:35 – 9:00 a.m. Talk 2: Haojie Huang, PhD – Mayo Clinic**
Chromatin regulation in prostate cancer
- 9:00 - 9:10 a.m. Discussion**
- 9:10 - 9:35 a.m. ESUR Talk 3: Margaret Knowles, PhD – Leeds Institute**
Chromatin modifiers in non-invasive bladder cancer
- 9:35 - 9:45 a.m. Discussion**
- 9:45 - 10:00 a.m. Break**
- 10:00 - 10:25 a.m. Talk 4: Magdalena Grabowska, PhD – Case Western**
Networks that control BPH Development
- 10:25 - 10:35 a.m. Discussion**
- 10:35 - 10:50 a.m. Travel Award Presentation #1:**
TBD
- 10:50 - 10:55 a.m. Discussion**
- 10:55 - 11:20 a.m. Talk 5: William Ricke, PhD – U of Wisconsin**
New proteomic approach for profiling urine
- 11:20 - 11:30 a.m. Discussion**
- 11:30 - 11:45 a.m. Travel Award Presentation #2:**
TBD
- 11:45 - 11:55 a.m. Discussion**
- 12:00 - 1:30 p.m. Lunch**

1:30 - 5:00 p.m. Plenary Session II: Genetic Modifiers

Discussion Leaders:
Beatrice Knudsen, MD, PhD
Xue Sean Li, PhD

1:30 - 1:55 p.m. Talk 1: Michael Ittmann, MD, PhD – Baylor
Prostate cancer genetics and disparities

1:55 - 2:05 p.m. Discussion

2:05 - 2:30 p.m. Talk 2: Dan Theodorescu, MD, PhD – U of Colorado
Bladder cancer genetics

2:30 - 2:40 p.m. Discussion

2:40 - 3:30 p.m. SBUR Business Meeting - Ganesh Raj
Distinguished Service Award
Meritorious Achievement Award
Young Investigator Awards

3:30 - 3:55 p.m. ESUR Talk 3: Saverio Betuzzi, PhD – U of Parma
Gene signatures of aggressive prostate cancer

3:55 - 4:05 p.m. Discussion

4:05 - 4:30 p.m. Talk 4: Sarki A Abdulkadir, MD, PhD – Northwestern
Myc-linked epigenetic regulators in prostate cancer

4:30 - 4:40 p.m. Discussion

4:40 - 4:55 p.m. Travel Award Presentation #3
TBD

4:55 - 5:00 p.m. Discussion

5:00 - 7:00 p.m. Poster Session #1
P_ - P_

6:45 - 7:00 p.m. Travel Awards Recognition
(Abstract Committee Chair)

7:00 p.m. Evening on Own

SATURDAY, NOVEMBER 11, 2017

- 8:00 - 9:15 a.m. **Keynote Session: Leland W.K. Chung Lecture**
Perspectives on Epigenetic Modulation
- Discussion Leaders:
Cindy Miranti, PhD
Marc Cox, PhD
- 8:00 - 9:00 a.m. **Dario Altieri, PhD – Wistar Institute**
Mitochondrial reprogramming in cancer
- 9:00 - 9:15 a.m. **Discussion**
- 9:15 - 12:15 a.m. **Plenary Session III: Alternative Regulatory Mechanisms**
- Discussion Leaders:
Kerstin Junker, MD, PhD
Rajvir Dahiya, PhD
- 9:15 - 9:40 a.m. **Talk 1: Scott Dehm, PhD – U of Minnesota**
AR splicing in prostate cancer
- 9:40 - 9:50 a.m. **Discussion**
- 9:50 - 10:05 a.m. **Break**
- 10:05 - 10:30 a.m. **Talk 2: John Petros, MD – Emory**
Mitochondria DNA mutations in prostate cancer
- 10:30 - 10:40 a.m. **Discussion**
- 10:40 - 11:05 a.m. **ESUR Talk 3: Kerstin Junker, MD, PhD – U of Saarland**
miRNAs and exosomes in renal cancer
- 11:05 - 11:15 a.m. **Discussion**
- 11:15 - 12:15 a.m. **Cellular Debris: Is It Really Useful?**
- Discussion Leaders:
Susan Kasper, PhD
Zongbing You, MD, PhD
- Todd Morgan, MD – U of Michigan
Edwin Posadas, MD – Cedars Sinai
Larisa Nonn, PhD – U of Illinois at Chicago
Michael Freeman, PhD – Cedars Sinai
- 12:15 - 1:30 p.m. **Lunch**

1:30 - 5:00 p.m.	<u>Plenary Session IV: Model Systems in Urology</u>
	Discussion Leaders
	Li Xin, PhD
	Darius Bagli, MD
1:30 - 1:55 p.m.	Talk 1: Christopher Barbieri, MD – Weill Cornell SPOP role in prostate cancer oncogenesis
1:55 - 2:05 p.m.	Discussion
2:05 - 2:30 p.m.	Talk 2: Jose Teixeira, PhD – Michigan State University New BPH mouse model
2:30 - 2:40 p.m.	Discussion
2:40 – 3:05 p.m.	Talk 3: Jin-Tang Dong, PhD - Emory KLF5 role in prostate cancer epigenetics
3:05 - 3:15 p.m.	Discussion
3:15 - 3:25 p.m.	AUA Office of Research Update Carolyn Best, PhD
3:25 - 3:40 p.m.	Break
3:40 - 4:05	Talk 4: Laura Lamb, PhD – Beaumont Hospital Mouse model of LUTS
4:05 - 4:15 p.m.	Discussion
4.15 - 4:30 p.m.	Travel Award Presentation #4: TBD
4:30 - 4:35 p.m.	Discussion
4:35 - 5:00 p.m.	Talk 5: Cindy Miranti, PhD – U of Arizona Prostate epithelial differentiation
5:00 - 5:10 p.m.	Discussion
5:10 - 7:00 p.m.	Poster Session #1 # P_ - P_
7:00 p.m.	Evening on Own

SUNDAY, NOVEMBER 12, 2017

- 8:00 - 12:00 p.m. Plenary Session V: Epigenetic and Genetic Reprogramming**
- Discussion Leaders:**
Laura Lamb, PhD
Todd Morgan, M.D
- 8:00 - 8:25 a.m. Talk 1: Beatrice Knudsen, MD, PhD – Cedars Sinai**
Digital image analysis and computational pathology
- 8:25 - 8:35 a.m. Discussion**
- 8:35 - 9:00 a.m. Talk 2: Darryl Martin, PhD – Yale**
Nanoparticle delivery of miRNA in bladder disease
- 9:00 - 9:10 a.m. Discussion**
- 9:10 - 9:35 a.m. Talk 3: Kouidy Williams, PhD – Wake Forest**
Regenerative pharmacology in urologic disease
- 9:35 - 9:45 a.m. Discussion**
- 9:45 - 10:00 a.m. Break**
- 10:00 - 10:15 a.m. Travel Award Presentation #5:**
TBD
- 10:15 - 10:20 a.m. Discussion**
- 10:20 - 10:45 a.m. Talk 4: Pradeep Tyagi, PhD – U of Pittsburgh**
Targeting NGF in overactive bladder
- 10:45 - 10:55 a.m. Discussion**
- 10:55 - 11:20 a.m. Talk 5: Amina Zoubeydi, PhD – U of Vancouver**
Neuroendocrine differentiation in castration-resistant prostate cancer
- 11:20 - 11:30 a.m. Discussion**
- 11:30 a.m. Farewell**