

Workshop on Translational Science in Prostate Cancer

National Cancer Institute- Rockville, MD

April 4-5, 2016

MONDAY, April 4th
Conference Room TE406

Welcome

7:30 AM **Meeting Objectives and Expected Output** **Chairs: Peter Nelson, Karen Knudsen and William Dahut**

Landscape of the Current Status of Clinical/Translational Research

8:00 – 9:00 **Early Detection and Active Surveillance: TS and KQ*** **Moderator: William Catalona**

- Translation of heritable risk - *John Witte*
- Active surveillance - *Dan Lin*
- Determining risk of prostate cancer disease progression: challenges for biomarker development - *Mark Rubin*
- Translation of the prostate cancer genome to diagnostic and prognostic biomarkers - *Scott Tomlins*

9:00 - 10:00 **High Risk, Recurrent and Hormone Sensitive Metastatic Disease: TS and KQ*** **Moderator: William Dahut**

- Studies of neoadjuvant and adjuvant therapy in the context of surgery - *Robert Reiter*
- Radiotherapy and targeted therapies - *Felix Feng*
- Biochemical recurrence and hormonal metastatic disease - *Howard Scher*

10:00-10:20 **BREAK**

10:20 -11:20 **Castration Resistant Metastatic Prostate Cancer: TS and KQ*** **Moderator: Karen Knudsen**

- Challenges and opportunities for immunotherapy in prostate cancer - *James Gulley*
- Analyses of AR activity status to stratify patients for therapeutics and clinical trial designs - *Emmanuel Antonarakis*
- Functionalizing markers to inform rational therapy development - *Arul Chinnaiyan*
- Companion studies reflecting the spectrum of biology implicated in mCRPC - *Christopher Logothetis*

11:20-12:10 PM **LUNCH**

12:10-1:30 **Contemporary Issues in Clinical Trial Design in the Era of Precision Medicine** **Moderator: Christopher Sweeney**

- Trial designs incorporating biomarkers - *Richard Simon*
- When is a surrogate good enough? - *Paul Kluetz*
- Early phase trials incorporating omics data - *Lisa McShane*
- Roundtable Discussion and Q/A - *Simon/Kluetz/McShane/Sweeney*

Concurrent Breakout Sessions

1:45-6:00 **Working Group I – Development of Studies/Trials Addressing Risk, Early Detection and Active Surveillance** **Room TE408/410**

Leaders: Dan Lin, Elaine Ostrander, Scott Tomlins

1:45-6:00 **Working Group II – Development of Initiatives/Studies/Trials Addressing High-Risk Localized and Hormone Sensitive Metastatic PCa** **Seminar Room 2**

Leaders: Howard Scher, Robert Reiter, Felix Feng

1:45-6:00 **Working Group III - Development of Initiatives/Studies/Trials Addressing mCRPC** **Room TE406**

Leaders: Arul Chinnaiyan, Maha Hussain, Steve Balk

**Abbreviations: TS = translational studies; KQ = key questions*

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Agenda

TUESDAY, April 5th

Concurrent Breakout Sessions

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|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 8:00-10:00 AM | Working Group I – Development of Studies/Trials Addressing Risk, Early Detection and Active Surveillance
<i>Leaders: Dan Lin, Elaine Ostrander, Scott Tomlins</i> | Room 1E032/034 |
| 8:00-10:00 | Working Group II – Development of Initiatives/Studies/Trials Addressing High-Risk Localized and Hormone Sensitive Metastatic PCa
<i>Leaders: Howard Scher, Robert Reiter, Felix Feng</i> | Seminar Room 2 |
| 8:00-10:00 | Working Group III - Development of Initiatives/Studies/Trials Addressing mCRPC
<i>Leaders: Arul Chinnaiyan, Maha Hussain, Steve Balk</i> | Room TE406 |

Summary Session - Room TE406

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| 10:00-10:30 | Opportunities on the Horizon |
| 10:30-11:00 | Working Group I presentations and summation of action items |
| 11:00-11:30 | Working Group II presentations and summation of action items |
| 11:30-12:00 | Working Group III presentations and summation of action items |
| 12:00 PM | Closing Remarks, Next Steps, Adjourn |