

**BEYOND CENTER
FOR FUNDAMENTAL CONCEPTS IN SCIENCE**

PHYSICAL SCIENCE AND ONCOLOGY WORKSHOP SERIES

Cancer Latency and Dormancy

Arizona State University
The Scottsdale Plaza Resort
February 28 - March 1, 2013

AGENDA

Wednesday, February 27

6:00 – 7:30 pm Informal welcome reception

Thursday, February 28

Session 1: Overview of dormancy

9:00 – 9:30am Paul Davies

Brief welcome address, outline of the subject and aims of the meeting

9:30 – 10:15 Ann Chambers

“Tumor dormancy from an experimental biologist's perspective”

10:15 - 10:30 Discussion

10:30– 11:00 *Tea/coffee break*

11:00 – 11:45 Christoph Klein

“What do we mean by cancer dormancy?”

11:45 – 12:00pm Discussion

12:00 – 12:45 Karen Anderson

Cancer dormancy: overview of biology and clinical implications

12:45 – 1:00 Discussion

1:00 – 2:30 *Lunch*

Session 2: Metastasis and CTCs

2:30 – 3:15 Harriet Wikman-Kocher

“Genetic signatures in tumor dissemination and dormancy”

3:15 – 3:30 Discussion

3:30 – 4:15 Colm Morrissey

“Prostate cancer tumor cell dormancy: where are the dormant cells?”

4:15 – 4:30 Discussion

4:30 – 5:00 *Tea/coffee break*

5:50 – 6:00 General discussion

7:30 *Workshop dinner*

Friday, March 1

Session 3: Immune surveillance

9:00 – 9:45 am Khashayarsha Khazaie

“T_{reg} Cells in Cancer”

9:45 – 10:00 Discussion

10:00 – 10:45 Russell Taichman

“Native Stem Cell Niches- the good, the bad, the ugly”

10:45 – 11:00 Discussion

11:00 – 11:30 *Tea/coffee break*

11:30 – 12:15pm Jeffrey Green

“Influences of the Microenvironment of Tumor Cell Dormancy”

12:15 – 12:30 Discussion

12:30 – 2:00 *Lunch*

Session 4: Microenvironmental conditions for dormancy

2:00 – 2:45 Salvatore Torquato

“Modeling tumor dormancy, growth and stability”

2:45 – 3:00 Discussion

3:00 – 3:45 Cyrus Ghajar

“Uncovering the ‘dormant niche’ ”

3:45 – 4:00 Discussion

4:00 – 4:30 *Tea/coffee break*

4:30 – 5:15 Jonathan Franca-Koh
 “The way ahead: NCI physical science and oncology initiative”

5:15 – 6:00 General discussion

6:00 pm *Meeting ends*