

CHALLENGING ROADBLOCKS TO CANCER CURES

Co-Chairs: David Livingston, Angelika Amon, Anne-Lise Børresen-Dale, Massimo Loda, Stefano Piccolo, William Sellers

Thursday, June 18, 2015

8:00 Registration
8:35 Davide Bassi Welcome
8:45 David Livingston Focus & Goals
8:55 Bill Sellers Keynote Address: *Paths to the curative treatment of cancer*

Session I, Tumor Evolution

Chair/Moderator: Angelika Amon

9:40 Angelika Amon *Consequences of aneuploidy*
10:05 Discussion
10:20 Marcos Malumbres *Surviving and Dying during Cell Division*
10:45 Discussion
11:00 *Coffee Break*
11:15 Rocio Sotillo *Consequences of Mad2 overexpression on early tumorigenesis*
11:40 Discussion
11:55 Beth Weaver *Effects of chromosomal instability on tumor progression*
12:20 Discussion
12:35 Stephen Elledge *How Aneuploidy Drives Cancer*
13:00 Discussion
13:15 *Lunch*

Session II, Tumor Microenvironment

Chair/Moderator: Massimo Loda

14:15 Giovanni Sitia *Liver cancer and hepatic microenvironment*
14:55 Discussion
14:55 Stefano Piccolo *YAP/TAZ cancer biology: hippo signaling and beyond*
15:20 Discussion
15:35 *Coffee Break*
15:45 Kornelia Polyak *The role of the tumor microenvironment in breast tumor progression*
16:10 Discussion
16:25 Michele De Palma *Micro RNA control of tumor-associated macrophages*
16:50 Discussion
17:05 Poster Session
18:00 **Adjourn**

Friday, June 19, 2015

Session III, Targeted Therapeutics

Chair/Moderator: William Sellers

08.00	Mariano Barbacid	<i>Identification and functional validation of therapeutic targets in K-Ras driven lung and pancreatic tumors</i>
08.25	Discussion	
08.40	Ashok Venkitaraman	<i>Manipulating macromolecular interactions for target discovery and validation</i>
09.05	Discussion	
09.20	Scott Biller	<i>Inhibitors of mutated isocitrate dehydrogenase as a potential new therapy for AML: from the bench to the clinic</i>
09.45	Discussion	
10.00	Alberto Bardelli	<i>Clonal evolution and drug resistance in colorectal cancers</i>
10.25	Discussion	
10.40	coffee break	

Session IV, Cancer Immunology

Chair/Moderator: David Baltimore

Multifaceted functions of the PD-1 pathway

10.55	Arlene Sharpe	
11.20	Discussion	
11.35	Antonella Viola	<i>Boosting cancer immunotherapy by targeting the tumor microenvironment</i>
12.00	Discussion	
12.15	Lunch	
15.20	Carl June	<i>Targeted therapy with engineered T cells</i>
15.45	Discussion	
16.00	Nora Disis	<i>Immune Modulation of Breast Cancer</i>
16.25	Discussion	
16.40	David Baltimore	<i>Vectored Immunization by Targeting Dendritic Cells</i>
17.05	Discussion	
18.00	Poster Discussion	
19.00	Adjourn	
20.00	Symposium Dinner	

Saturday June 20, 2015

Session V, Clinical Research Roadblocks

Chair/Moderator: Jose Baselga

08.30	Carlos Caldas	<i>Characterizing and modelling breast cancer subtypes</i>
08.55	Discussion	
09.10	Charles Swanton	<i>Clinical Challenges and Opportunities</i>
09.35	Discussion	
09.50	Jose Baselga	<i>Targeting tumor heterogeneity</i>
10.15	Discussion	
10.30	Panel Discussion	
11.30	David Livingston	Concluding Remarks
11.50	lunch & Adjourn	