

Recent Advances in the Development of Combinatorial Therapies for Cancer

Organizers: Peter Davies, M.D., Ph.D., and Clifford Stephan, Ph.D.
Institute of Biosciences and Technology-Texas A&M Health Science Center

Wednesday, June 10, 2015

| | | | |
|--------------------------------|---|--|--|
| | 8:45 AM | <i>Continental Breakfast</i> | |
| | 9:20 AM | Peter Davies | <i>Introduction and Welcome Remarks</i> |
| SESSION 1 | Chair: Cliff Stephan, Institute of Biosciences and Technology-Texas A&M Health Science Center | | |
| | 9:30 AM | James Allison MD Anderson Cancer Center | <i>Immune Checkpoint Blockade in Cancer Therapy: New Insights, opportunities and prospects for a Cure</i> |
| | 10:15 AM | Michele Ceribelli National Cancer Institute | <i>High-throughput combination screening identifies pre-clinical candidates of drug synergism in aggressive hematologic malignancies</i> |
| | 10:45 AM | <i>BREAK</i> | |
| | 11:00 AM | Lawrence Kwong MD Anderson Cancer Center | <i>A Systems Biology Approach to Identify Combination Therapies for NRAS Melanoma</i> |
| | 11:20 AM | Zhiqiang An University of Texas Health Science Center-Houston | <i>Combined chemo- and immunotherapies: consequences for host anticancer immunity and therapeutic response</i> |
| | 11:40 AM | Heath Skinner MD Anderson Cancer Center | <i>Identifying and targeting biomarkers of radioresistance in head and neck cancer</i> |
| LUNCH | 12:00 PM | <i>Lunch</i> | |
| SESSION 2 | Chair: Michael Mancini, Baylor College of Medicine | | |
| | 1:00 PM | Giovanni Paternostro Sanford Burnham Medical Research Institute | <i>A multicomponent approach to Precision Medicine for Acute Myeloid Leukemia</i> |
| | 1:45 PM | Phil Lorenzi MD Anderson Cancer Center | <i>Developing New Tools for Analysis of Drug Combination Data</i> |
| | 2:05 PM | Trevor Cohen University of Texas Health Science Center-Houston | <i>Constraining the Combinatorial Cancer Therapy Search Space</i> |
| | 2:25 PM | <i>BREAK</i> | |
| | 2:40 PM | Susan Holbeck National Cancer Institute | <i>Comprehensive cell-based screening of pairwise combinations of approved and investigational oncology agents</i> |
| | 3:25 PM | Phil Jones MD Anderson Cancer Center | <i>Next generation cancer therapeutics to target relapse/refractory patient populations</i> |
| | 3:55 PM | Fuhai Li Methodist Hospital Research Institute | <i>Genomics big data driven approaches for drug sensitivity prediction and drug combination discovery</i> |
| | 4:15 PM | Trey Westbrook Baylor College of Medicine | <i>To be announced</i> |
| POSTERS & RECEPTION | 4:45 PM | <i>Poster Session & Reception</i> | |

Recent Advances in the Development of Combinatorial Therapies for Cancer

Organizers: Peter Davies, M.D., Ph.D., and Clifford Stephan, Ph.D.
Institute of Biosciences and Technology-Texas A&M Health Science Center

Thursday, June 11, 2015

8:45 AM *Continental Breakfast*

SESSION 3 Chair: Kevin Dalby, University of Texas at Austin

| | | |
|----------|--|---|
| 9:15 AM | Patrick Hwu MD Anderson Cancer Center | <i>Use of High Throughput Screens and Patient Samples to Determine Rational Combinations of Targeted and Immunotherapy</i> |
| 10:00 AM | Faye Johnson MD Anderson Cancer Center | <i>Epithelial-Mesenchymal Transition Predicts Polo-Like Kinase 1 Inhibitor-Mediated Apoptosis in Non-Small Cell Lung Cancer</i> |
| 10:30 AM | <i>BREAK</i> | |
| 10:45 AM | John de Groot MD Anderson Cancer Center | <i>To be announced</i> |
| 11:15 AM | Vashisht G. Yennu Nanda MD Anderson Cancer Center | <i>To be announced</i> |
| 11:35 AM | Paul Johnston University of Pittsburgh | <i>Strategies to Identify Synergistic Cancer Drug Combinations using High Throughput Screening</i> |
| 12:05 PM | <i>End of Conference</i> | |
