

UC Cancer Research Coordinating Committee 2014 Competition Results – Updated October 2015
2014-2015 Awards list by UC Campus

| PI Name | Campus | Project Title |
|--------------------|--------|---|
| Thomas Maimone | UCB | Synthetic studies of the anticancer daphnane and tigliane diterpenes |
| Ahmet Yildiz | UCB | Understanding the mechanism of telomerase-based telomere extension under a force-clamp |
| Damian Genetos | UCD | Engineered tissue matrices to interrogate prostate cancer migration and tumor formation |
| Tzipora Goldkorn | UCD | Lung cancer metastasis during cigarette smoke exposure: a novel role for ceramide/nSMase2 activation |
| Tianhong Li | UCD | Nanotherapeutics for refractory brain metastasis in EGFR-mutant lung cancer |
| Colleen Sweeney | UCD | Regulation of the T-box transcription factor TBX3 by microRNA-206 in breast cancer |
| Vy Dong | UCI | Threading the loop: a novel approach to anti-cancer agent sunsanpin |
| David Fruman | UCI | Combination strategies to enhance therapy for Ph-like B-ALL |
| Elliott Hui | UCI | Micromechanical dissection of intercellular crosstalk in the tumor microenvironment |
| Young Jik Kwon | UCI | Multi-modal drug conjugates for synergistic leukemia therapy |
| Olga Razorenova | UCI | Determination of the miRNAs contributing to the regulation of Hypoxia Inducible Factor (HIF) expression and of signaling pathways they affect |
| David Timberlake | UCI | A novel approach for testing the association between smokeless tobacco use and cancer |
| Douglas Tobias | UCI | Molecular modeling studies of drug interactions with P-glycoprotein |
| Benjamin Ellingson | UCLA | pH-weighted molecular MRI of treatment response in human malignant glioma |
| Heather Maynard | UCLA | Safe delivery of therapeutic cytokines to treat lung cancer |
| Jinah Choi | UCM | Oxidative stress and HCV therapy |
| Bahman Anvari | UCR | Erythrocyte-derived optical nano-probes for near infrared fluorescence imaging of tumors |
| Richard Hooley | UCR | Synthetic receptors as new methods of drug delivery for cancer therapy |
| Xuan Liu | UCR | Analysis of p53 tumor suppressor function in diabetes |
| Ernest Martinez | UCR | Role of the YEATS2 component of the human ATAC epigenetic coregulator complex |
| Ameae Walker | UCR | Prolactin regulation of immune cells in cancer |
| Dzwokai Ma | UCSB | A novel role of histone methyltransferase subunits in cytokinesis |
| Martin Moskovits | UCSB | Surface enhanced raman spectroscopy (SERS) for the detection of canine lower urinary tract neoplasia |

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|------------|----------|--------|--|
| Michelle | O'Malley | UCSB | A novel microbial system to screen GPCR crosstalk during cancer proliferation |
| Douglas | Kellogg | UCSC | Mechanisms that control entry into the cell cycle |
| Jeremy | Sanford | UCSC | Dissecting the IGF2BP3 post-transcriptional regulatory network in pancreatic cancer |
| Sunil | Advani | UCSD | Development of radiation activatable cell penetrating peptides to radiosensitize tumors |
| Willis | Li | UCSD | Non-canonical functions of STAT3 in lung cancer |
| Holly | Ingraham | UCSF | Assessing SERMs in estrogen-responsive neural circuits controlling locomotion and satiety |
| Young-wook | Jun | UCSF | Synergistically integrated nanosensors for the detection of lung cancer mutation |
| Peder | Larson | UCSF | Rapid measurement of enzyme conversion rates in liver tumors with hyperpolarized ¹³ C MRI |
| Catherine | Park | UCSF | β1 integrin and HER3 mediate resistance in HER2-amplified breast cancer |
| Dorota | Wisner | UCSF | Integrating near infrared spectroscopy and ultrasound to reduce benign biopsies of the breast |