

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

PI Name	Campus	Project Title
Sunil Advani	UCSD	Development of radiation activatable cell penetrating peptides to radiosensitize tumors
Bahman Anvari	UCR	Erythrocyte-derived optical nano-probes for near infrared fluorescence imaging of tumors
Jinah Choi	UCM	Oxidative stress and HCV therapy
Vy Dong	UCI	Threading the loop: a novel approach to anti-cancer agent sungsanpin
Benjamin Ellingson	UCLA	pH-weighted molecular MRI of treatment response in human malignant glioma
David Fruman	UCI	Combination strategies to enhance therapy for Ph-like B-ALL
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
Richard Hooley	UCR	Synthetic receptors as new methods of drug delivery for cancer therapy
Elliott Hui	UCI	Micromechanical dissection of intercellular crosstalk in the tumor microenvironment
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
Douglas Kellogg	UCSC	Mechanisms that control entry into the cell cycle
Young Jik Kwon	UCI	Multi-modal drug conjugates for synergistic leukemia therapy
Peder Larson	UCSF	Rapid measurement of enzyme conversion rates in liver tumors with hyperpolarized ¹³ C MRI
Tianhong Li	UCD	Nanotherapeutics for refractory brain metastasis in EGFR-mutant lung cancer
Willis Li	UCSD	Non-canonical functions of STAT3 in lung cancer
Xuan Liu	UCR	Analysis of p53 tumor suppressor function in diabetes
Dzwokai Ma	UCSB	A novel role of histone methyltransferase subunits in cytokinesis
Thomas Maimone	UCB	Synthetic studies of the anticancer daphnane and tigliane diterpenes
Ernest Martinez	UCR	Role of the YEATS2 component of the human ATAC epigenetic coregulator complex
Heather Maynard	UCLA	Safe delivery of therapeutic cytokines to treat lung cancer
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
Catherine	Park	UCSF	β 1 integrin and HER3 mediate resistance in HER2-amplified breast cancer
Olga	Razorenova	UCI	Determination of the miRNAs contributing to the regulation of Hypoxia Inducible Factor (HIF) expression and of signaling pathways they affect
Jeremy	Sanford	UCSC	Dissecting the IGF2BP3 post-transcriptional regulatory network in pancreatic cancer
Colleen	Sweeney	UCD	Regulation of the T-box transcription factor TBX3 by microRNA-206 in breast cancer
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
Ameae	Walker	UCR	Prolactin regulation of immune cells in cancer
Dorota	Wisner	UCSF	Integrating near infrared spectroscopy and ultrasound to reduce benign biopsies of the breast
Ahmet	Yildiz	UCB	Understanding the mechanism of telomerase-based telomere extension under a force-clamp