

<b>Cycle</b>	<b>Awardee Name</b>	<b>Institution</b>	<b>Proposal Title</b>
Feb-12	Amira Brown	Charles R. Drew University	Evaluating dopaminergic gene expression in subcortical brain regions of C57BL/6J and DBA/2J mice
Feb-12	John Elshimali	Charles R. Drew University	Epigenetic examination of potential genes involved in drug resistance in different types of prostate cancer cells
Feb-12	Shehla Pervin	Charles R. Drew University	Targeting pERK1/2 in Mammary Cancer Stem Cells
Feb-12	Alistair J. Cochran	UCLA	Genetic basis of the biology of melanoma metastases
Feb-12	Andrew Dean	UCLA	Neurobehavioral Predictors of Cognitive Decline in Methamphetamine Dependence
Feb-12	Betty P.T. Tsao	UCLA	Establishment of relational databases for lupus genetic study
Feb-12	Brent Fogel	UCLA	Rare and Novel Genetic Variation in Cerebellar Ataxia
Feb-12	Cathy Lee	UCLA	Metabolic Effects of Androgenicity in Aging Men and Women
Feb-12	Christian Roberts	UCLA	Endothelial Progenitor Cell Quantification in Smokers by a Novel Gating Strategy: Effects of Resistance Training and Nicotine Replacement
Feb-12	Daniel Cruz	UCLA	Deciphering human innate immune networks governed by the microenvironment
Feb-12	Daniel Geschwind	UCLA	Treatment of autism-related behavior in the Cntnap2 knockout mouse model
Feb-12	Danny JJ Wang	UCLA	Virtual Lumbar Puncture using MRI
Feb-12	Denis Evseenko	UCLA	Isolation and characterization of human cartilage progenitors
Feb-12	Donald Kohn	UCLA	High Through-Put Screening to Improve Gene Transduction of Human Hematopoietic Stem Cells
Feb-12	Edmond H. Teng	UCLA	Validation of Plasma Biomarkers for Alzheimer's Disease in an Animal Model
Feb-12	Eileen Tsai	UCLA	Identification of Plasma Proteins from Biomarker Candidates that Predict Acute Rejection and Monitor Non-adherence in Pediatric Renal Transplantation
Feb-12	Elizabeta Nemeth	UCLA	New drug leads for iron overload
Feb-12	Eric Hoek	UCLA	High Throughput Screening of Infection Resistant Coating Films
Feb-12	Eric Vilain	UCLA	Improving Diagnosis of Disorders of Sex Development by Whole Exome Sequencing

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Feb-12	Fang Wei	UCLA	Non-invasive detection of exosomal Lung Cancer EGFR gene mutations by Electric Field Induced Release and Measurement (EFIRM)
Feb-12	Fritz Eilber	UCLA	Preclinical Imaging of Genetically Engineered and Direct-Patient Xenograft Models of Malignant Peripheral Nerve Sheath Tumors
Feb-12	Gal Bitan	UCLA	A mouse toxicity study of a novel drug candidate
Feb-12	Giovanni Coppola	UCLA	Using Induced Pluripotent Stem Cell-Derived Neurons to Understand C9ORF72-mediated neurodegeneration
Feb-12	Jeffrey L. Veale	UCLA	Monitoring Renal Allograft Dysfunction by Utilizing a Multiplexing Electrochemical Sensor to Measure Combinational Biomarkers: Creatinine and Cystatin-C
Feb-12	Joanna Schaeenman	UCLA	Analysis of immune control of BK virus replication after kidney transplantation
Feb-12	Jonathan Braun	UCLA	Mucosal proteome in HIV infection
Feb-12	Laura Wozniak	UCLA	Unique Adaptive and Innate Immune Cell Profiles in Tolerant Pediatric Liver Transplant Recipients
Feb-12	Lee Goodglick	UCLA	Construction of a Triple Negative Breast Cancer Tissue Array for Translational Research
Feb-12	Patricia A. Ganz	UCLA	Young Breast Cancer Survivorship Program
Feb-12	Paul Camille Tumeh	UCLA	A High Throughput Platform to Identify Small Molecules that Enhance T-cell Mediated Melanoma Immunotherapy
Feb-12	Philip Liu	UCLA	Defining M. tuberculosis virulence through the genomic interactome
Feb-12	Richard C. Koya	UCLA	Study of advantageous phenotypic changes in T cells for adoptive cell transfer therapy for melanoma induced by the mutant BRAF inhibitor vemurafenib
Feb-12	Roger Lo	UCLA	Integrated genomic analysis of melanoma response to BRAF inhibition
Feb-12	Ronald Mitsuyasu	UCLA	CFAR/UCLA HIV Research Study Volunteer Project
Feb-12	Sanaz Memarzadeh	UCLA	Preclinical trial to assess effectiveness of PARP inhibitors in targeting endometrial cancer
Feb-12	Sepideh Hagvall	UCLA	De-differentiated fat as a cell source for cardiovascular tissue engineering
Feb-12	Sophie Deng	UCLA	Bioengineering of human limb stem cells

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Feb-12	Steven Bensing	UCLA	Determining the influence of SREBP on HCV pathogenesis
Feb-12	Susan Krum-Miranda	UCLA	Estrogen-dependent control of osteoblast-derived collagen architecture
Feb-12	Timothy R Donahue	UCLA	Targeting the chemotherapy-resistant epigenetic reprogramming of stromal cells in human pancreatic cancer
Feb-12	Zoran Galic	UCLA	Gene expression analysis of the hESC-derived T lineage cells
May-12	Stephan Targan / Robert Barrett	Cedars Sinai	Generation of induced pluripotent stem cells from Crohn's disease patients using EBV transformed B-cell lines.
May-12	Bekir Cinar	Cedars Sinai	Evaluation of Tumorigenesis by Optical Imaging in Live Animals
May-12	Biagio Saitta	Cedars Sinai	Generation of Induced Pluripotent Stem Cells to Create In Vitro Model of Skeletal Dysplasias.
May-12	Hyung Kim	Cedars Sinai	Development of Prostate MRI for Active Surveillance
May-12	Ke Cheng	Cedars Sinai	Identification of the functional ingredient(s) of cardiosphere-derived cells
May-12	Mark Pimentel	Cedars Sinai	Deep Sequencing the Small Bowel Microbiome: Role in Human Disease
May-12	Melodie Metzger	Cedars Sinai	The Relationship between Experimental Serum Vitamin D Levels and Spinal Fusion Strength: a Quantitative Analysis
May-12	Miklos Peterfy	Cedars Sinai	In vivo validation of novel genes in lipid metabolism and coronary artery disease
May-12	Philip Frykman	Cedars Sinai	Fungal Microbiome in Children with Hirschsprung Associated Enterocolitis
May-12	Rivkah Gonsky	Cedars Sinai	Functional Relevance of Epigenetic Modifications in IBD
May-12	Sandra Orsulic	Cedars Sinai	Development of an Assay to Predict Outcome in Multiple Cancer Types
May-12	Vaithilingaraja Arumugaswami	Cedars Sinai	Hepatitis C Virus Clinical Isolates From HCV-HIV Co-infected Patients for Vaccine Development.
May-12	Viorica Ionut	Cedars Sinai	The role of gut-brain communication in type 2 diabetes (T2DM) and in T2DM remission after bariatric surgery using fMRI
May-12	Wen-Chin Huang	Cedars Sinai	SREBP-1/ROS/AR signaling Promotes Prostate Cancer Castration-resistant Progression
May-12	William R Wilcox	Cedars Sinai	High-throughput Drug Screening to Find a Small Molecule Treatment for Achondroplasia

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May-12	Yelena Bykhovskaya	Cedars Sinai	High-throughput sequencing of linkage region in multi-generational family with dominant keratoconus
Jun-12	Ashraf S. Ibrahim	LA BioMed	Molecular Diagnostics of Mucormycosis
Jun-12	Kevin Bruhn	LA BioMed	Subversion of Host Defense Pathways by Visceralizing Leishmania Species
Jun-12	Lin Lin	LA BioMed	Differentiation pluripotent stem cells into mature neutrophils
Jun-12	Michael Yeaman	LA BioMed	Innovative Anti-Infective Agents & Strategies
Jun-12	Noah Craft	LA BioMed	Treatment of Visceral Leishmaniasis with Topically Applied TLR Agonists
Jun-12	Peter Liu	LA BioMed	Testosterone and estradiol pulsatility in men with OSA
Jun-12	Rebecca Stockton	LA BioMed	In Vivo Cerebrovascular Imaging of Mouse Cerebral Cavernous Malformations
Jun-12	Tsui-Fen Chou	LA BioMed	Quantitative Cell-based Screens to Identify Drugs and Targets Within the Ubiquitin-Proteasome System
Jun-12	Yan Xiong	LA BioMed	Early agr activation is a key pathogenic signature in persistent MRSA bacteremia
Jun-12	Yanhe Lue	LA BioMed	Histone Demethylase in XY and XXY Male Germ Cells
Sep-12	Piwen Wang	Charles R. Drew University	Protein targets towards an increased inhibition of prostate tumor growth in SCID mice by a combination of green tea and quercetin
Sep-12	Satyesh Sinha	Charles R. Drew University	Effect of M-CSF/GM-CSF ratio on macrophage polarization in Diabetic Nephropathy
Sep-12	Amy C. Rowat	UCLA	Cancer Prognosis and Treatment by High Throughput Mechanical Screening
Sep-12	Asim Dasgupta	UCLA	A Novel Anti-viral Approach using Thymidine Kinase Monoclonal Antibody
Sep-12	Aydogan Ozcan	UCLA	Metallic Nanoparticles Enhanced Recognition of CD4+ T Cells by Lensfree On-Chip Imaging
Sep-12	Berit Kerner	UCLA	Exome-Sequencing in Bipolar Disorder
Sep-12	Christopher S. Colwell	UCLA	Non-dipping hypertension in Huntington's disease
Sep-12	David B. Reuben	UCLA	Facilitating Community Services for Dementia Patients
Sep-12	David Brooks	UCLA	IMMUNE RECONSTITUTION DURING PERSISTENT VIRAL INFECTION
Sep-12	David Shackelford	UCLA	Develop novel therapeutic strategies to target LKB1/STK11 deficient non-small cell lung cancer

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Sep-12	Debora Farber	UCLA	Microarray analysis of genes involved in retinal pigment epithelium melanogenesis, a process that is abnormal in ocular albinism.
Sep-12	Dino DiCarlo	UCLA	Role of biomechanical single-cell analysis in the diagnosis and treatment of cancer stem cells
Sep-12	Eric Hoek	UCLA	Antibacterial Self-Doped Polyaniline Coating Films For Biofouling Control On Medical Devices
Sep-12	Erina Vlashi	UCLA	Role of Erythropoietin in Breast Cancer Stem Cells
Sep-12	Heather R. Christofk	UCLA	Role of MCT1 in cancer metabolism
Sep-12	J. David Jentsch	UCLA	Identifying Genomic Loci Influencing a Translational Measure of Risk-Taking Temperament
Sep-12	James Byrne	UCLA	Pre-clinical transcriptional analysis of human osteogenic dermal mesenchymal stem cells
Sep-12	Jane Deng	UCLA	Correlation between alterations in gene expression and the nasal microbiome following viral infections
Sep-12	Jau-Nian Chen	UCLA	In vivo chemical suppressor screen for cardiac arrhythmias and heart failure.
Sep-12	Jorge Torres	UCLA	Inhibition of STARD9 in Cancer
Sep-12	Kang Ting	UCLA	Fibromodulin reprogrammed cells for bone regeneration
Sep-12	Kara Calkins	UCLA	Fish Oil: A Novel Therapy for Pediatric Intestinal Failure Associated Liver Disease
Sep-12	Katherine Narr	UCLA	Biomarkers of Ketamine response in Major Depression
Sep-12	Larry F. Hoffman	UCLA	Oxidative stress and neuroprotection in inner ear sensory epithelia
Sep-12	Leonard H. Rome	UCLA	Vault Nanoparticle Immunotherapy for Lung Cancer
Sep-12	Mario Deng	UCLA	Comprehensive Biomarker-based Classification of the Endomyocardial Biopsy
Sep-12	Matthew Shtrahman	UCLA	Development of a Novel Test for Seizure Threshold
Sep-12	Pascal F. Egea	UCLA	Structure-Based Discovery and Design of Novel Anti-malarials
Sep-12	Rachelle H. Crosbie-Watson	UCLA	A novel gene therapy approach for treatment of cardiomyopathy
Sep-12	Reza Ardehali	UCLA	A clonal analysis approach for cardiovascular regeneration
Sep-12	Robert T. Clubb	UCLA	Screen to discover novel Anti-infective agents
Sep-12	Roger Lo	UCLA	Whole-exome sequencing of single circulating melanoma cells: tumor heterogeneity and BRAF targeted therapy.

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Sep-12	Satiro De Oliveira	UCLA	Anti-leukemic Immunotherapy Using Modification of Hematopoietic Stem Cells
Sep-12	Theodore F. Robles	UCLA	Using LC-tandem mass spectrometry to identify salivary biomarkers predicting post-traumatic stress disorder in trauma patients
Sep-12	Xiangdong William Yang	UCLA	Cell-based screening for disease modifying chemical compounds for Huntington's disease
Sep-12	Yin Tintut	UCLA	Regulation of PTH-induced Osteoanabolism by Inflammatory Lipids
Sep-12	Yousang Gwack	UCLA	Calcium signalling and epigenetics in T cells
Sep-12	Zhong Zheng	UCLA	Silver nanoparticle coated titanium: an antimicrobial and osteoinductive material for orthopedic device fabrication
Oct-12	Christina C. L. Wang	LA BioMed	Influence of testosterone on non-alcoholic fatty liver disease in men
Oct-12	Kevin Bruhn	LA BioMed	Resiquimod as an Alternative Treatment for American Tegumentary Leishmaniasis
Oct-12	Michelina Iacovino	LA BioMed	HoxA3 and heart development
Oct-12	Patricia Dickson	LA BioMed	Biomarkers for Mucopolysaccharidosis
Oct-12	Scott G. Filler	LA BioMed	Candida Invasion of Endothelium and Virulence
Oct-12	Soo Jin Yang	LA BioMed	The role of the LytSR sense-response system in resistance to cationic antimicrobial peptides in Staphylococcus aureus
Oct-12	Tsui-Fen Chou	LA BioMed	Identification of biomarkers of p97 inhibition for anti-p97 cancer therapy