

10th Annual CCR and DCEG Staff Scientist and Staff Clinician Retreat

POSTER SESSION 2 2:00 PM - 3:15 PM		
Abstract# – Author	Title	Session: Category
#01–Lakshmi Balagopalan	LAT recruitment and intracellular trafficking in T cells	2: Basic Research
#02–Cristina Bergamaschi	IL-15 Heterodimer DNA Delivery in Rhesus Macaques Results in Systemic Level of Bioactive Cytokine and Induces Proliferation of NK and T Cells Comparable to IL-15 Heterodimer Protein Administration	2: Basic Research
#03–Sven Bilke	A chromatin structure based model accurately predicts replication timing program in human cells	2: Basic Research
#04–Eckart Bindewald	Computational Detection of Long-range Nucleotide Covariation in Genomic Alignments	2: Basic Research
#05–Christophe Cataisson	Enhanced MET signaling in mouse epidermis activates EGFR and initiates squamous carcinogenesis	2: Basic Research
#06–Jeffrey Chiang	Lck is essential in the non-canonical T cell receptor signaling pathway regulated by Cbl during T cell development	2: Basic Research
#07–Swati Choksi	Role of TRADD in Skin Carcinogenesis	2: Basic Research
#08–Eunjoong Chung	Transforming Growth Factor alpha mediates radiation injury through the activation of lysyl oxidase in murine lungs	2: Basic Research
#09–David Davis	Human Herpesvirus-8 Latent Associated Nuclear Antigen Undergoes Cleavage by Caspases Following Exposure of Cells to Oxidative Stress	2: Basic Research
#10–Shannon Doyle	Pinpointing the site in the GrpE binding region of E. coli DnaK that is responsible for specific collaboration with E. coli ClpB	2: Basic Research
#11–Hanqiao Feng	Structural investigation of the chromatosome in complex with HMG proteins	2: Basic Research
#12–Yoshimi Greer	Lack of Casein Kinase 1 Delta Induces DNA Damage, Inhibition of mTORC1 Signaling and Nucleophagy	2: Basic Research
#13–Yoo-Seok Hwang	EphrinB2 affects apical constriction in Xenopus embryos and is regulated by ADAM10 and flotillin-1	2: Basic Research
#14–Hyunbum Jang	Nucleotide-dependent interactions of the K-Ras4B hypervariable region (HVR) with Ras active site	2: Basic Research
#15–Wojciech Kasprzak	Novel Interaction Between the 5' and 3' end Structures of the Pea Enation Mosaic Virus (PEMV) Enhances Translation	2: Basic Research
#16–Amit Kumar	Pax-Interacting Protein 1-Associated Glutamate Rich Protein 1 (Pagr1) Regulates Bmp2 Expression Levels And Is Essential For Normal Chorion And Amnion Development	2: Basic Research
#17–James Lautenberger	Detection and Localization of Recombination Breakpoints in Sequences Simulating a Rat Backcross Genome	2: Basic Research
#18–Dale Lewis	Auto-regulation of a lambda lysogen promoter, PRM, is dependent on the Helical Arrangement of lambda repressor, CI, and RNA Polymerase	2: Basic Research
#19–Zhihui Liu	CASZ1b interacts with chromatin to suppress tumor cell proliferation	2: Basic Research
#20–Vladimir Majerciak	KSHV ORF57 protein antagonizes suppressive activity of cellular splicing factor SRSF3 to promote RNA splicing	2: Basic Research
#21–Christophe Marchand	Identification of novel PARP inhibitors using a cell-based TDP1 inhibitory assay in a quantitative high-throughput screening platform	2: Basic Research

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#22–Cynthia Pise-Masison	Co-dependence of HTLV-1 p12 and p8 functions in virus persistence	2: Basic Research
#23–Connie Sommers	miR-155 regulates lymphoproliferative disease in LAT mutant mice	2: Basic Research
#24–Christina Stuelten	Cell Directionality as an Indicator of Breast Cancer Progression	2: Basic Research
#25–Yongjun Sui	Mucosal adjuvants and myeloid cells modulate viral load reduction in SIVmac251-infection of macaques	2: Basic Research
#26–Myong-Hee Sung	Switching of the Relative Dominance between Feedback Mechanisms in Lipopolysaccharide-Induced NF-kappaB Signaling	2: Basic Research
#27–Lynn Thomason	Comparison of the Bacteriophage λ Red and Rac RecET Recombination Systems	2: Basic Research
#28–Antonio Valentin	CD4+CTL: a new subset of CD4+ T lymphocytes	2: Basic Research
#29–Abdul Waheed	Role of the vpu-interacting protein sgta in regulation of tetherin and hiv-1 release	2: Basic Research
#30–Wanping Xu	Alternative splicing of Numb is regulated by the molecular chaperone Hsp90 and provides a potential clue for HCC progression	2: Basic Research
#31–Teizo Yoshimura	Non-myeloid cells are major contributors to innate immune responses via production of monocyte chemoattractant protein- 1(MCP-1)/CCL2	2: Basic Research
#32–Yanlin Yu	PTEN phosphatase inhibits metastasis through negatively affecting Entpd5/IGF1R pathway	2: Basic Research
#33–Hongliang Zhang	Top2α Anchors Mitochondrial DNA D-loop and Telomere Tips	2: Basic Research
#34–Xue Zhi Zhao	Bicyclic 4-Amino-1-hydroxy-2-oxo-1,8-naphthyridine-containing Compounds Having High Potency Against Raltegravir-Resistant Integrase Mutants of HIV-1	2: Basic Research
#35–Jianjian Zhu	An early and transient pulse of Sonic Hedgehog (Shh) is both necessary and sufficient to specify digit progenitors	2: Basic Research

POSTER SESSION 1 12:45 PM - 2:00 PM		
Abstract# – Author	Title	Session: Category
#36–Ping An	Impact of host APOBEC3 retroviral restriction family genes on HIV-1/AIDS	1: Translational, Clinical and Epidemiological Research
#37–Smitha Antony	NADPH oxidase 5 regulates proliferation of human melanoma UACC-257 cells and prolongs growth in the absence of serum or growth factors	1: Translational, Clinical and Epidemiological Research
#38–Anuradha Budhu	Integrated Metabolite and Gene Expression Profiles Identify Lipid Biomarkers Associated with Progression of Hepatocellular Carcinoma and Patient Outcomes	1: Translational, Clinical and Epidemiological Research
#39–Robert Cheng	Diazoniumdiolate Based Aspirin Derivatives Revealed its Chemotherapeutic Potential Against Breast Cancer	1: Translational, Clinical and Epidemiological Research
#40–Debananda Das	Identification of novel small molecule CXCR4 inhibitors as anti-HIV agents	1: Translational, Clinical and Epidemiological Research
#41–Austin Duffy	TRC105 for the treatment of Hepatocellular Carcinoma: Preliminary results from two clinical trials evaluating monotherapy and combination with sorafenib	1: Translational, Clinical and Epidemiological Research

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#42–Brunilde Gril	Investigation of the molecular underpinnings of altered blood-brain barrier permeability in brain metastases model	1: Translational, Clinical and Epidemiological Research
#43–O M Zack Howard	Fufang Kushen Injection Inhibits Sarcoma Growth and Tumor-induced Hyperalgesia via TRPV1 Signaling Pathways	1: Translational, Clinical and Epidemiological Research
#44–Wen-Yi Huang	A prospective study of non-steroidal anti-inflammatory drug use and colorectal adenoma and colorectal cancer	1: Translational, Clinical and Epidemiological Research
#45–Yuan Jiang	MicroRNA-mediated differentiation impairment in osteosarcoma	1: Translational, Clinical and Epidemiological Research
#46–Sikandar Khan	Comprehensive clinical and molecular analysis of trichothiodystrophy patients with defects in the TTDN1 gene	1: Translational, Clinical and Epidemiological Research
#47–Phuong Mai	Li-Fraumeni Syndrome Study - a Cohort Description	1: Translational, Clinical and Epidemiological Research
#48–Jennifer Marte	Low Baseline Absolute Lymphocyte Count is Associated with Decreased Overall Survival in Patients with Metastatic Castration Resistant Prostate Cancer in Both the Immunotherapy and Non-Immunotherapy Treatment Settings	1: Translational, Clinical and Epidemiological Research
#49–Adam Metwalli	A Predictive Nomogram for Urine Leak in Complex Partial Nephrectomy	1: Translational, Clinical and Epidemiological Research
#50–Adam Metwalli	Robotic Multiplex Partial Nephrectomy: The National Cancer Institute Experience with Robotic Partial Nephrectomy for 3 or more Tumors in a Single Kidney	1: Translational, Clinical and Epidemiological Research
#51–Aleksandra Michalowski	A Systems Approach Identifies Cooperative Targeting of MYC in Combined mTOR/HDAC Inhibition	1: Translational, Clinical and Epidemiological Research
#52–Rimas Orentas	Adoptive Immunotherapy for Pediatric Solid Tumors with CAR-T cells (chimeric antigen receptor bearing T cells) targeting ALK (anaplastic lymphoma kinase, CD246)	1: Translational, Clinical and Epidemiological Research
#53–Maria Parkhurst	Isolation of T cell receptors specifically reactive with mutated tumor associated antigens	1: Translational, Clinical and Epidemiological Research
#54–Alexander Pemov	Evidence of multiple independent NF2 somatic inactivation and tumor initiation events in neurofibromatosis type 2-associated vestibular schwannomas	1: Translational, Clinical and Epidemiological Research
#55–Mahadev Rao	Mithramycin inhibits the malignant phenotype of pleural mesotheliomas via depletion of SP1 and activation of p53 signaling	1: Translational, Clinical and Epidemiological Research
#56–Ana Robles	Prognostic value of HOXA9 methylation in stage I NSCLC	1: Translational, Clinical and Epidemiological Research
#57–Melissa Rotunno	Identification of mutations in Hodgkin lymphoma families through exome sequencing	1: Translational, Clinical and Epidemiological Research
#58–Anita Tandle	To improve standard of care for glioblastoma patients: mTOR kinase inhibition enhances radiosensitivity in glioblastoma	1: Translational, Clinical and Epidemiological Research
#59–Jun Wei	Systematic Identification of Germline Mutations in Rhabdomyosarcoma and Neuroblastoma Using Massively Paralleled Sequencing	1: Translational, Clinical and Epidemiological Research
#60–Stephanie Weinstein	Circulating Vitamin D and Colorectal Cancer in the Vitamin D Pooling Project	1: Translational, Clinical and Epidemiological Research
#61–Jonathan Weiss	CD40 expression in renal cell carcinoma is associated with tumor apoptosis, CD8+ T cell frequency and patient survival	1: Translational, Clinical and Epidemiological Research
#62–Hannah Yang	Infertility and incident endometrial cancer risk: a pooled analysis from the Epidemiology of Endometrial Cancer Consortium	1: Translational, Clinical and Epidemiological Research
#63–Howard Yang	Generalization of gene expression signatures for breast cancer patient survival prediction	1: Translational, Clinical and Epidemiological Research
#64–Matthew Young	To Dine with Red Wine: Systems approach to studying Resveratrol's protection against inflammatory Colorectal Cancer	1: Translational, Clinical and Epidemiological Research

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#65–Jinqiu Chen	The CCR Collaborative Protein Technology Resource (CPTR): Powering Proteomic Research with Automated Capillary Immunoassays	1: Technological and Methodological Development
#66–Chi-Ping Day	"Glowing Head" Mice: A Genetic Tool Enabling Reliable Preclinical Image-Based Evaluation of Cancers in Immunocompetent Mice	1: Technological and Methodological Development
#67–Susan Garfield	The CCR Confocal Microscopy Core focuses on multi-dimensional imaging	1: Technological and Methodological Development
#68–Kathleen Hartman	The CCR Genomics Core - Kathleen Hartman	1: Technological and Methodological Development
#69–Anu Puri	Photo Activation of a Near-infrared Sensitive Anticancer Drug Encapsulated in “Pocket” Liposomes Triggers Multiple Drug Release and Tumor Cell Killing in Mouse Breast Cancer Xenografts	1: Technological and Methodological Development
#70–Emily Tai	B cell epitope hot spot prediction by accessible surface area	1: Technological and Methodological Development
#71–Xiaoying Ye	In-depth Mapping of the Cell Surface Glycoproteome of Cancer Cells Expressing Specific Alleles of K-Ras	1: Technological and Methodological Development
#72–Henry Zhang	ChIP-Seq Analysis: Comparison of Peak Calling Results from MACS, HOMER and GEM Software	1: Technological and Methodological Development
#73–Ming Zhou	Proteomic Characterization of Cell Surface Proteins in KRAS Transfected Cells	1: Technological and Methodological Development