

CAMB PhD Graduates 2009 to Present

Last Name	First Name	Program	Mentor(s)	PhD Awarded	Dissertation Title
Alexander	Desiree	G&E	Berger	May 2024	The metabolic protein ACS2 regulates the formation of long-term memories
Choe	Dongwook (Chris)	GTV	Musunuru	May 2024	Cardiac MTSS1 Downregulation Protects Against Dilated Cardiomyopathy in a Sex-Specific Manner
Cohn	Ian	MVP	Striepen/Hunter	May 2024	Mechanisms of CD4+ T cell-dependent resistance against Cryptosporidium
Diaz-Rosado	Abdias	CPM	Bhoj	May 2024	Multi-omics in TBCK Syndrome: Offering The First Unbiased Approach to Identify Therapeutic Targets
Fagan	Kelly	GTV	Davidson	May 2024	Gene Editing Strategies for Spinocerebellar Ataxia type 1
Fenton	Adam	G&E	Jongens/Holzbaur	May 2024	Mechanisms linking mitochondrial dynamics, microtubule motors, and neurological disease
Foong	Yee Hoon	G&E	Bartolomei	May 2024	TET1 Displays Catalytic and Non-catalytic Functions in the Adult Mouse Cortex
Grams	Nicholas	MVP	Weitzman	May 2024	The L1-52/55 Kilodalton Protein and Adenovirus Progeny Production: A New Phase in Virion Assembly
Han	Xu	CB	Simon	May 2024	Maintaining lipid homeostasis in hypoxic pancreatic tumors
Hlavaty	Sabina	CB	Schug	May 2024	ACS1-dependent acetate utilization rewires mitochondrial metabolism to support tumor growth and metastasis
Ho	Chi-Lee (Charlie)	CB	Ryeom	May 2024	Untapped Potential: Stool biomarkers for early detection of diffuse gastric cancer
Huang	Yinghui (Jane)	CB	Wherry	May 2024	Continuous expression of TOX safeguards exhausted CD8 T cell epigenetic fate
Konrath	Kylie	GTV	Kulp	May 2024	Modifying antibody responses to respiratory virus vaccines through structure-guided design
Littleton	Sheridan	G&E	Grant	May 2024	Investigating the FAIM2 locus in predisposition to childhood obesity
Liu	Suying	GTV	Kurre	May 2024	PRE-CLINICAL MODELING OF CELL AND GENE THERAPY OF FANCONI ANEMIA
Morreale	Daniel	MVP	St. Geme/Planet	May 2024	DEFINING FACTORS IMPORTANT DURING COLONIZATION AND INVASION BY THE PEDIATRIC PATHOGEN KINGELLA KINGAE

Otter	Clayton	MVP	Weiss	May 2024	What makes a common cold virus? An arms race between temperature-dependent host responses and viral immune antagonism
Patel	Ruchi	CB	Ruella	May 2024	CD5 Deletion Enhances the Anti-Tumor Activity of Adoptive T Cell Therapies
Perry	Caroline	CB	Baur	May 2024	NAD+ precursors prolong survival and improve cardiac phenotypes in a mouse model of Friedreich's Ataxia
Pilling	Olivia	MVP	Beiting	May 2024	SELECTIVE WHOLE GENOME AMPLIFICATION (SWGA) REVEALS POPULATION GENOMICS OF LEISHMANIA BRAZILIENSIS DIRECTLY FROM PATIENT SKIN BIOPSIES
Sansbury	Stephanie	G&E	Shalem	May 2024	Development and applications of functional genomics tools for unbiased exploration of cellular proteostasis
Steinbock	Teddy	MVP	Weitzman	May 2024	The RNA Biology of DNA Viruses: Insights from Human Adenovirus
Weber	Jesse	GTV	Davidson	May 2024	Investigation into dual-color reporter models for the improvement of gene therapy and gene editing strategies
Wong	Karen	DSRB	Epstein	May 2024	MSK2 controls a histone phospho-methyl switch that connects signaling to chromatin organization and gene expression
Yang	June	MVP	You	May 2024	Characterization of the mechanisms driving the transcription and tumorigenic potential of Merkel cell polyomavirus
Bandyopadhyay	Shovik	G&E	Tan	December 2023	Mapping the Cellular Biogeography of Human Bone Marrow Niches Using Single-Cell Transcriptomics and Proteomic Imaging
Boe	Ryan	G&E	Raj	December 2023	Lost in Transcriptional Noise: How Allelic Correlation Marks a Trade-off Between Noise Transmission and Signal Responsiveness
Bornstein	Marc	G&E	Arnay	December 2023	A Fluxomics Approach Toward Quantifying the Metabolic Response to Cold Stress
Chappell	Maxwell	GTV	Rivella	December 2023	Development of a Mouse Model of Severe Alpha-Thalassemia and a Gene Therapy Approach for its Treatment
Coscia	Stephen	CPM	Holzbaur	December 2023	Regulation of Mitochondrial Dynamics by the Actin Cytoskeleton
Cribas	Emily	MVP	Abt	December 2023	Intestinal immune and epithelial responses to Clostridioides difficile infection

Danan	Charles	G&E	Hamilton	December 2023	RNA methylation sustains intestinal homeostasis and regeneration
Diwan	Zeenat	DSRB	Siekmann	December 2023	Unravelling the Mechanisms Regulating Endothelial Cell Size and Number to Control Blood Vessel Diameters
Freeburg	Nelson	CB	Feldser	December 2023	Investigating the role of Rb in constraining metastasis and lineage plasticity in a tumor spheroid model
Fritsch	Clark	CPM	Goldman	December 2023	Unraveling Aspects of Transcriptional and Translational Fidelity in Eukaryotic Systems
Gracia Diaz	Carolina	G&E	Akizu	December 2023	EZH1 variants disrupt neurogenesis in hPSC-derived neuronal models
Griesman	Trevor	MVP	Cherry	December 2023	Thinkers not fighters: antiviral innate immunity in primary neurons
Grothusen	Grant	CB	Busino	December 2023	Regulation of acute myeloid leukemia cell proliferation by E3 ubiquitin ligase DCAF15 control of cohesin dynamics
Harke	Jailynn	G&E	Epstein/Joyce	December 2023	Compact topologies underlie long-range enhancer-promoter communication in the mouse embryonic forebrain
Hill	Connor	G&E	Gardini	December 2023	NAB2-STAT6 drives an EGR1-dependent neuroendocrine program in Solitary Fibrous Tumors
Isenhardt	Randi	G&E	Joyce	December 2023	Condensin II modulates the length and strength of compartmental interactions
Ju	Dan	G&E	Mathieson/Tishkoff	December 2023	The architecture of adaptation: evolution of height and skin pigmentation in humans
Lee	Jesse	CB	Beatty	December 2023	Hepatocytes coordinate a systemic endocrine network in cancer
Maldonado-Lopez	Alexandra	G&E	Capell	December 2023	METTL3 dependent m6A regulates chromatin modifiers in epithelial development
Ohl	Laura	GTV	Ahrens-Nicklas	December 2023	The Consequences of Excess BCAA Catabolism in the Brain due to loss of BCKDK
Pai	Christopher	DSRB	Heuckeroth	December 2023	A Tale of Two Bowels: Loss of Baz1b and miR-137 During Enteric Nervous System Development
Reagan	Erin	GTV	Bar/Weissman	December 2023	Developing an mRNA-LNP vaccine for Hepatitis C virus
Renner	David	MVP	Weiss	December 2023	Betacoronaviruses Differentially Activate the Unfolded Protein Response to Optimize Viral Replication
Smith	Alexander	MVP	Zackular	December 2023	Microbial Cooperation during Clostridioides difficile Infection

Soaita	Ioana	CPM	Arnay	December 2023	Sources and fates of acetyl-CoA and NAD: Implications for cardiovascular disease
Sofela	Folasade	CPM	Sehgal-Field	December 2023	The role of metabolism in a Drosophila model of Neurofibromatosis 1
Soto Ocana	Joshua	MVP	Zackular	December 2023	Environmental factors shaping the microbiota and Clostridioides difficile infection
Sweeney	Katelyn	CPM	Shalem	December 2023	CRISPR screen for protein inclusion formation uncovers SRRD as a novel regulator of aggresome formation and cellular proteostasis
Van Gorder	Lucas	GTV	Samelson-Jones	December 2023	Improving the Safety and Efficacy of AAV Gene Therapy for Hemophilia A
Wei	Monica	MVP	Grice	December 2023	Molecular Investigation of Competitive Microbial Interactions in the Porcine Skin Microbiome
White	Ellen	MVP	Grice	December 2023	An understudied bacterium of the wound microbiome promotes diabetic healing
Xu	Daniel	G&E	Berger	December 2023	Epigenetic regulation in an iPSC neuron model of familial Alzheimer's disease
Ye	Darwin	CB	Minn	December 2023	Persistent Cancer cells alter interteron signaling after immune checkpoint blockade
Zhang	Jenna	MVP	Brodsky/Shin	December 2023	Investigating cellular innate immune responses to intestinal Yersinia infection
Acosta	Jonuelle	CB	Feldser	August 2023	ELUCIDATING THE MOLECULAR DETERMINANTS OF P53-MEDIATED PLEIOTROPIC EFFECTS IN SMALL CELL LUNG CANCER
Collins	Sierra	CB	Berger	August 2023	TOX2 and TOX at the intersection of central memory and exhaustion in human CAR T cells
Cramer	Zvi	CB	Lengner	August 2023	FORWARD GENETIC SCREENING IN CANCER ORGANOID IDENTIFIES NOVEL REGULATORS OF METASTASIS
Egan	Marisa	MVP	Shin	August 2023	Investigating infalmmasome responses to Salmonella in human macrophages

Estep	Katrina	CB	Johnson	August 2023	Telomere double strand break signaling and repair in human induced pluripotent stem cells
Fernandez Garcia	Emily	CPM	Foskett	August 2023	The mitochondrial Ca ²⁺ channel MCU is critical for tumor growth by supporting cell cycle progression and proliferation
Garcia Whitlock	Anna Elizabeth	CPM	Titchenell	August 2023	Elucidating the Drivers of Stress-Induced Hyperglycemia after Trauma and Hemorrhage
Hallstrom	Grey	DSRB	Mauck	August 2023	Microenvironmental Mechanoactivation Through YAP/TAZ Suppresses Chondrogenic Gene Expression
Harmange	Guillaume	G&E	Shaffer	August 2023	Manipulating Cancer Cell States To Overcome Drug Resistance
Izzo	Luke	CB	Wellen	August 2023	Metabolic Flexibility in Cancer: Acetylcarnitine Links Compartmentalized Acetyl-CoA Pools
Lee	Inyoung	CB	Ridky	August 2023	LNS8801 inhibits Acute Myeloid Leukemia
Nouel	Joangela	GTV	White	August 2023	ZER1 contributes to the growth of HPV-positive cancers
Pine	Matthew	GTV	Weissman/Pardi	August 2023	Development of a vaccine for Lyme disease using the nucleoside-modified mRNA-LNP platform
Rurik	Joel	DSRB	Epstein	August 2023	Targeting pathogenic fibroblasts with engineered T cells
Shepley-McTaggart	Ariel	MVP	Harty	August 2023	Investigating Host Regulation of the Filovirus Lifecycle
Yang	Ying	MVP	Abt	August 2023	Memory Th17 cells in the lung during secondary bacterial pneumonia following influenza A virus infection
Zezulin	Alexandra	GTV	Speck	August 2023	RUNX1 is required in granulocyte-monocyte progenitors to attenuate inflammatory cytokine production by neutrophils
Agarwal	Sangya	GTV	June	May 2023	Disruption of CTLA-4 enhances and invigorates Chimeric Antigen Receptor T Cells
Blair	Megan	CPM	Arany	May 2023	Branched-Chain Amino Acid Catabolism in Skeletal Muscle Controls Systemic BCAA Levels without Impacting Insulin Resistance
Ferrari	Adam	CB	Drapkin	May 2023	Epigenetics and Histone Ubiquitination in Ovarian Cancer
Glynn	Rebecca	CB	Bassing	May 2023	DNA Damage Induced During Antigen Receptor Gene Assembly Signals To Regulate Mechanisms of V(D)J Recombination: Implications for Autoimmunity and Genomic Integrity

Harding	Olivia	CPM	Holzbour	May 2023	Mitophagy initiation is impaired by neurodegenerative-linked mutations and induces NF-κB inflammation
Harmange	Guillaume	G&E	Shaffer	May 2023	Manipulating Cancer Cell States To Overcome Drug Resistance
Holman	Corey	CPM	Seale	May 2023	The aging-induced decline in beige adipose tissue development
Jain	Naveen	G&E	Raj	May 2023	Beyond Luck of The Draw: Uncovering Cell Intrinsic Determinants in Reprogramming Somatic Cells to Pluripotency
Kolev	Hannah	DSRB	Kaestner	May 2023	Intestinal Differentiation: from Chromatin to the Niche
Marquis	Kaitlin	MVP	Bushman	May 2023	Investigating small molecule inhibitors and enhancers of HIV infection
Matsuda	Rina	MVP	Brodsky	May 2023	Intestinal granuloma formation and function during Yersinia pseudotuberculosis infection
McAfee	Quentin	CPM	Prosser	May 2023	Pathogenic mechanisms of truncated titin in dilated cardiomyopathy
Pather	Sarshan	DSRB	Shalem	May 2023	Reading, writing, and perturbing human neural cell biology
Phan	Jessica	CPM	Lee	May 2023	Pathophysiology of valosin-containing protein variants in frontotemporal dementia
Reavis	Hunter	CB	Drapkin	May 2023	Investigating the relationship between the nervous system and high-grade serous ovarian cancer
Simpson	Bryan	GTV	Davidson	May 2023	CRISPR/CAS9 GENE EDITING AND TARGETED LONG-READ SEQUENCING FOR SPINOCEREBELLAR ATAXIA TYPE 2 THERAPY
Singhal	Pankhuri	G&E	Ritchie	May 2023	Epistasis and Evolution of Disease Trajectories in Multi-dimensional Study of Genomic and Phenomic Interactions
Stankov	Sylvia	GTV	Rader	May 2023	Leveraging natural genetic variation in the human triglyceride regulator APOA5 to understand its function
Sukhina	Alisa	MVP	Bailis	May 2023	Investigating immunodeficiency and infection responses in murine model of undernutrition
Weiner	Aaron	DSRB	Vaughan	May 2023	ΔNp63 Drives Dysplastic Alveolar Remodeling and Restricts Epithelial Plasticity Upon Severe Lung Injury

Zhang	Duo	CB	Fan	May 2023	Endothelial Metabolism in Glioblastoma Vascularity and Resistance to Immunotherapy
Zhang	Kevin	CPM	Dunaief	May 2023	The Impact of Iron on Lysosomal Function in the Retinal Pigment Epithelium
Akuma	Daniel	MVP	Brodsky	December 2022	Structural and functional determinants of caspase-11 inflammasome assembly during innate immune defense
Cao	Zhendong	G&E	Shi	December 2022	Structural and functional determinants of caspase-11 inflammasome assembly during innate immune defense
Chen	Saisai	G&E	Chodosh	December 2022	The Role of PAQR8 in Breast Cancer Recurrence and Therapy Resistance
Chotiner	Jessica	CPM	Wang	December 2022	Checks and balances in meiotic progression: the functions of TRIP13 and CCNB3 in fertility
Doepner	Miriam	CB	Ridky	December 2022	Melanin synthesis intermediates inhibit melanomagenesis
Flam	Emily	CPM	Arany	December 2022	Integrated landscape of cardiac metabolism in end-stage human non-ischemic cardiomyopathy
Gu	Christopher	MVP	Bushman	December 2022	Investigating critical bacterial infections in a clinical setting using whole genome sequencing
Hicks	Philip	MVP	Bates	December 2022	A genetic strategy to improve VSV vectored vaccines for emerging bandaviruses
Jain	Kanika	CB	Shin	December 2022	Ubiquitin-specific Protease 6 (USP6): A novel hot tumor microenvironment agonist that inhibits Ewing sarcoma through Natural Killer cell activation
Jimenez	Monica	G&E	Henao-Mejia	December 2022	microRNA-mediated control of inflammation and energy homeostasis by the gut microbiota
Johnson	Nicolette	DSRB	Lengner	December 2022	Understanding cellular plasticity within the intestinal epithelium
Lee	Avery	CB	Hu	December 2022	Loss of AID Exacerbates the Malignant Progression of CLL

Martino	Alex	GTV	Wilson	December 2022	Characterization of the AAV-PPV.B Capsid and its interaction with the Ly6a Receptor: Implications for Receptor-Targeted Vector Engineering
Montoya	Nina	MVP	St. Geme	December 2022	Elucidating the role of the <i>Kingella kingae</i> lipopolysaccharide (LPS) in galactan surface anchoring and membrane dynamics
Parham	Louis	CB	Hamilton	December 2022	Autophagic state prospectively identifies facultative stem cells in the intestinal epithelium
Park	Daniel	G&E	Joyce	December 2022	Identification and Characterization of Novel Regulators of Genome Folding
Petracovici	Ana	G&E	Bonasio	December 2022	Uncoupling the maintenance and establishment of Polycomb repression
Pollock	Tzvi	MVP	Shin	December 2022	Cooperative Caspases Mediate TNF-Licensed Cell Death in Legionella Infection
Sierra	Isabel	DSRB	Anguera	December 2022	Unique regulation of XCI maintenance in B cells
Song	Zeyuan (Edward)	GTV	Milone	December 2022	Combining IAP Antagonists with CAR T Cell Therapy to Treat Glioblastoma: the IAP Antagonist Birinapant Enhances Chimeric Antigen Receptor T Cell Therapy for Glioblastoma by
Strelau	Katie	MVP	Cannuscio	December 2022	Integrating epidemiology and genomics for a health-equity centered response to SARS-CoV-2 in Philadelphia
Sung	Derek	CPM	Kahn	December 2022	Molecular interplay of VEGF-C and VE-cadherin controls sinusoidal, lymphatic, and placental vascular growth
Wakabayashi	Aoi	G&E	Blobel	December 2022	Identification and characterization of RBM12 as a novel regulator of fetal hemoglobin expression
Zang	Yixin	DSRB	Bashaw	December 2022	Uncovering novel regulators of axon guidance at the midline
Collins	Mckensie	GTV	Melenhorst	August 2022	Enhanced Co-Stimulatory Signaling Improves Car T Cell Effector Responses In Chronic Lymphocytic Leukemia
Dhuey	Erica	CB	Minn	August 2022	The Role of the T cell Repertoire in Response to Cancer Immunotherapy
Gong	Yaoyu	CPM	Dang	August 2022	Sodium hydrogen exchanger 1 enhances the anti-tumor activity of natural killer cells

Hatterschide	Joshua	MVP	White	August 2022	E7, Ptpn14, And Yap1: How Papillomaviruses Retain Cells In The Basal Epithelial Layer With Implications For Persistence And Carcinogenesis
Jung	Inyoung	GTV	Fraietta	August 2022	BLIMP1 and NR4A3 Transcription Factors Reciprocally Regulate Antitumor CAR T-Cell Stemness and Exhaustion
Kaeding	Kelsey	G&E	Zaret	August 2022	Unlocking Compacted Heterochromatin Through Modulation Of Associated Proteins
Kiani	Karun	G&E	Raj	August 2022	A systematic analysis of the concordance between chromatin accessibility and gene expression changes
Luppino	Jennifer	G&E	Joyce	August 2022	Investigating The Role Of Cohesin In Dynamic Genome Folding And Gene Regulation
Peauroi	Elise	MVP	Eisenlohr	August 2022	The Novel Innate Immune-Antagonistic Effects Of The Ectromelia Virus C15 Protein
Phyo	Sai	G&E	Prosser	August 2022	Regulation of the Tubulin Code in Heart Diseases
Wu	Vincent	MVP	Betts	August 2022	Deciphering the heterogeneity of HIV reservoir immunology: a single-cell perspective
Addison	Mary Margaret	MVP	Eisenlohr	May 2022	The MHCII-Restricted Presentation of HIV-1 Antigens by CD4+ T Cells
Bolton	Marcus	MVP	Hensley	May 2022	Characterizing viral antigenic drift and using immunoglobulin G3 to increase antibody breadth
Cheng	Ryan Pei-Yen	DSRB	Raper	May 2022	The role of neuropilin2a/2b and sema3fa in the protoglomerular targeting of zebrafish olfactory sensory neurons
Egolf	Shaun	CB	Capell	May 2022	The MLL4-LSD1 Epigenetic Axis Regulates Epidermal Differentiation and Ferroptosis: Implications for Skin Cancer
Egolf (Ritenour)	Laura	CB	Maris / Diskin	May 2022	Defining the landscape of rare inherited and de novo germline structural variation in neuroblastoma
Fernandez	Rafael	CB	Johnson	May 2022	GSK3 inhibitors rescue telomere defects in Dyskeratosis Congenita iPS derived AT2 Cells
Gong	Yaoyu	CPM	Dang	May 2022	Sodium hydrogen exchanger 1 enhances the anti-tumor activity of natural killer cells

Greer	Christopher	DSRB	Stedman	May 2022	Strategies to Modify the Therapeutic Efficacy and Immunogenicity of AAV-deliverable Transgenes for Gene Therapies and Vaccines
Howell	Elizabeth	DSRB	Speck	May 2022	Transcriptional and Epigenetic Regulation of Endothelial-to-Hematopoietic Transition
Liberti	Derek	DSRB	Morrissey	May 2022	Elucidating the determinants of alveolar epithelial cell fate from lung development to regeneration
Lopes Fischer	Natasha	MVP	Shin	May 2022	Evasion of innate immunity by the pathogen <i>Coxiella burnetii</i>
Manzoni	Tomaz	MVP	Bates	May 2022	Development of Novel Vaccination Strategies Against Emerging Bunyaviruses
Minichino	Danielle	CPM	Behrens	May 2022	NOVEL MECHANISMS OF BRAF-V600E REGULATION OF INFLAMMATION IN DENDRITIC CELLS OF LANGERHANS CELL HISTIOCYTOSIS
Rumley	Jonathan	G&E	Murray	May 2022	Regulation Of Anterior Gene Expression In The <i>Caenorhabditis Elegans</i> Embryo
Sarwar	Prioty	MVP	Planet	May 2022	<i>Prevotella</i> phylogeny: Genomic and molecular insights into the role of the human commensal <i>Prevotella</i> in health and disease
Sostre	Jaimarie	CB	Titchenell	May 2022	Elucidating the role of hepatic FOXO1 signaling in the regulation of adipose tissue biology
Yan	Fangxue (Yumi)	CB	Blanco	May 2022	KAT6A initiates an epigenetic transcriptional control module to drive oncogene expression in acute myeloid leukemia
Zhou	Yeqiao	G&E	Faryabi / Pear	May 2022	Regulation Of Genome Topology In Notch-Mutated Cancers
Brooks	Rebekah	CB	Dang	December 2021	PBAF-associated circadian lncRNA ADIRF-AS1 regulates renal clear cell tumorigenesis
Chaudhari	Karina	CPM	Bashaw	December 2021	Mechanisms of axon guidance receptor regulation and signaling during midline crossing
Eiva	Monika	CB	Powell	December 2021	Disentangling T cell Heterogeneity in Human Ovarian Cancer: A Focus on Tumor-Specific and Early Memory T cells
Farrelly	Olivia	CPM	Rompolas	December 2021	Investigating the mechanisms of corneal maintenance and regeneration by 2-photon live imaging

Folkert	Ian	CB	Haldar	December 2021	INTRATUMORAL HEMORRHAGE INHIBITS BACH1 TO INDUCE EDNRB-EXPRESSING IRON-RICH MACROPHAGES THAT PROMOTE TUMOR GROWTH
Gibson	Alexis	MVP	Striepen	December 2021	A genetic screen reveals a protective type III interferon response to Cryptosporidium
Gosis	Bridget	G&E	Arany	December 2021	The role of folliculin in hepatic lipid metabolism and the pathogenesis of NAFLD and NASH
Holdreith	Nicholas	DSRB	Tong	December 2021	LNK (SH2B3) Inhibition Expands Healthy and Fanconi Anemia Human Hematopoietic Stem and Progenitor Cells
Jiang	Connie	G&E	Raj	December 2021	Tracing cell type determination in directed differentiation of human induced pluripotent stem cells
Kondo	Ayano	G&E	Kaestner	December 2021	Highly multiplexed image analysis of intestinal tissue sections in patients with inflammatory bowel disease
Luan	Jing	G&E	Blobel	December 2021	Roles of CTCF in nascent transcription and chromatin architecture
Parris	Joshua	CB	Murphy	December 2021	Contribution of the tumor microenvironment to the efficacy of cancer therapy
Quiroz-Figueroa	Katherine	GTV	Rader	December 2021	Functional Characterization of Trib1, A Gene Associated With Multiple Cardiometabolic Traits
Russell	Samantha	DSRB	Bashaw	December 2021	Netrin-independent Fra signaling in oogenesis and axon guidance
Sacharok (Perry)	Alexandra	MVP	St. Geme, III	December 2021	Kingella kingae PilC1 and PilC2 are adhesins with distinct roles in type IV pilus-mediated processes
Segrist	Elisha	MVP	Cherry	December 2021	TISSUE SPECIFIC IMMUNITY: A STUDY OF ANTIVIRAL DEFENSES AND THE INFLUENCE OF THE MICROBIOTA
Simeonov	Kamen	DSRB	Lengner	December 2021	Single-cell lineage tracing of cancer metastasis
Ying	Tammy	G&E	Simmons	December 2021	The role of Interleukin-4 receptor signaling in neonatal adipocyte precursors
Yu	Sixiang	CB	Yang	December 2021	Investigating the role of chaperone-mediated autophagy in glioma stem cells
Caldwell	Blake	G&E	Bartolomei	August 2021	The role of active DNA demethylation in mammalian epigenetic reprogramming
Campbell	Sydney	CB	Wellen	August 2021	Hexosamine Salvage in Pancreatic Cancer
Cucolo	Lisa	CPM	Minn	August 2021	TUMOR RIFK1 SIGNALING REGULATES INNATE AND EXTRINSIC MECHANISMS OF RESISTANCE TO IMMUNE CHECKPOINT BLOCKADE THERAPY

Dumaine	Jennifer	MVP	Striepen	August 2021	Cryptosporidium parvum exports proteins into the cytoplasm of the infected host cell
Godfrey	Jason	CB	Simon	August 2021	Aspects of deregulated glucose metabolism in liver and kidney cancer
Jamieson-Lucy	Allison	DSRB	Mullins	August 2021	A PROTEOMICS APPROACH IDENTIFIES NOVEL RESIDENT ZEBRAFISH BALBIANI BODY PROTEINS CIRBPA AND CIRBPB
Khurana	Priya	CB	Bassiri	August 2021	Delineating the immunometabolism of primary human invariant natural killer T (iNKT) cells
Krump	Nathan	MVP	You	August 2021	Examining the Cellular Responses to the Most Recently Discovered Cancer-causing Virus
Kulkarni	Vineet	CPM	Maday	August 2021	Compartment-specific regulation of autophagy in neurons
Linares-Saldana	Ricardo	G&E	Jain / Epstein	August 2021	BRD4 ORCHESTRATES GENOME FOLDING TO PROMOTE NEURAL CREST PROGENITOR DIFFERENTIATION
Murashige	Danielle	CPM	Arany	August 2021	Comprehensive fuel metabolism of the human heart and the role for enhancing branched-chain amino acid catabolism in protection against heart failure
Naseer	Nawar	MVP	Shin	August 2021	INVESTIGATING HUMAN CELL TYPE-SPECIFIC INFLAMMASOME RESPONSES TO SALMONELLA INFECTION
Ren	Aileen	CPM	Kahn	August 2021	Investigating the Role of PI3K Signaling in Cerebral Cavernous Malformation Pathogenesis
Rivera	Osvaldo	CB	Barash / Lynch	August 2021	Alternative mRNA splicing redefines the landscape of commonly dysregulated genes across the acute myeloid leukemia patient population
Roark	Ryan	GTV	Shaw	August 2021	Recapitulation of HIV-1 V2 apex envelope-antibody coevolution in rhesus macaques
Salomon	Alexander	CPM	Prosser	August 2021	Microtubule post-translational detyrosination coordinates network stability and mechanics in the cardiomyocyte
Shah	Jennifer	CB	Nathanson	August 2021	Analysis of Matched Primary and Recurrent BRCA1/2 Mutation-associated Tumors Identifies Recurrence-specific Drivers
Tsang	Tiffany	CB	Brady	August 2021	Copper metabolism directly influences kinase functionality to modulate signal transduction in cancer
Aleman	Jennifer	G&E	Capelson	May 2021	Nuclear pore component Mtor regulates levels of dosage compensated gene expression in Drosophila

Borst	Sara	DSRB	Gadue	May 2021	INSIGHTS INTO INHERITED THROMBOCYTOPENIA RESULTING FROM MUTATIONS IN ETV6 OR RUNX1 USING A HUMAN
Brewer	Niambi	G&E	Shore	May 2021	Gnas Inactivation in Heterotopic Ossification
Coku	Jorida	CB	Hogarty	May 2021	ELUCIDATION OF CANCER THERAPY RESISTANCE MECHANISMS DUE TO ALTERED ENDOPLASMIC RETICULUM-MITOCHONDRIA TETHERING
Comar	Courtney	MVP	Weiss	May 2021	Interactions of Highly Pathogenic Human Coronaviruses with dsRNA-induced Innate Immune Pathways
Gawronski	Katerina	G&E	Brown / Voight	May 2021	Illuminating the genetic basis of complex liver traits in humans via computational genomics
Heffler	Julie	CPM	Prosser	May 2021	A Balance Between Intermediate Filaments and Microtubules Maintains Nuclear Architecture in the Cardiomyocyte
Kadry	Nadia	MVP	St. Geme	May 2021	Molecular Determinants of Immunogenicity of the Nontypeable Haemophilus Influenzae HMW1 and HMW2 adhesins
Kopinski	Piotr	CB	Wallace	May 2021	Regulation of nuclear epigenome by mitochondrial DNA heteroplasmy
Mukherjee	Somdutta	DSRB	Gadue	May 2021	Loss of TBX3 enhances pancreatic progenitor generation from human pluripotent stem cells
Nishiguchi	Maily	G&E	Behrens	May 2021	Recruitment and functions of myeloid cells at the intersection of inflammation and remodeling
Norgard	Robert	CB	Stanger	May 2021	Cellular plasticity and heterogeneity: implications in tumor cell invasion and metastasis
Penkala	Ian	DSRB	Morrisey	May 2021	Progressive Reliance on Epithelial Plasticity Governs Lung Development, Homeostasis, and Regeneration
Roby	Kerry	CB	Ryeom	May 2021	Response to Stress by the Tumor Microenvironment
Sousa	Gregory	MVP	Povelones	May 2021	Dissecting the melanization immune response in the malaria vector Anopheles gambiae
Tang	Qiaosi (Tracy)	CB	Rustgi	May 2021	Mutant p53 mechanisms and functions in esophageal cancer
Wojtak	Krzysztof	GTV	Weiner	May 2021	Preventive and Therapeutic DNA Technologies Targeting Epstein-Barr Virus
Angueira	Anthony	G&E	Seale	December 2020	Transcriptional Control and Development of Energy Burning Fat Cells
Bass	Antonia	MVP	Shin	December 2020	Elucidating human inflammasome responses to Legionella pneumophila and lipopolysaccharide variants

Bui Nguyen	Hoang	G&E	Lazar	December 2020	Dichotomous Engagement of HDAC3 Catalytic Activity Governs Inflammatory Responses
Chen	Zeyu	CB	Wherry	December 2020	Dissecting transcriptional control of CD8 T cell response
Eilers	Grant	MVP	Bushman / Van Duyne	December 2020	Structural and Biochemical Studies of HIV-1 Integration and Inhibition
Esmaeili	Melody	DSRB	Klein	December 2020	Chromatin accessibility and histone acetylation in the regulation of competence in early development
Fisher	Devin	MVP	Lopez	December 2020	TEASING APART THE IMMUNE RESPONSE TO A VIRUS-DERIVED ADJUVANT: INSIGHTS INTO TYPE 1 IMMUNITY INDUCING VACCINE DEVELOPMENT
Greenfeld	Hannah	DSRB	Mullins	December 2020	Interpretation of the BMP morphogen gradient during dorsal-ventral axial patterning
Khare	Sanika	CB	Simon	December 2020	Tumor Suppressive Role of Urea Cycle Enzymes in Renal Carcinoma
Kramer	Marianne	G&E	Gregory	December 2020	Life after transcription: Post-transcriptional gene regulation and non-coding RNAs during stress and development
Lanauze Torres	Claudia	CB	Thomas-Tikhonenko	December 2020	Smad4 with R361 hotspot mutations retains the ability to bind to LEF1 and boosts WNT signaling in colorectal cancer cells
Le	Linh	CB	Marks	December 2020	Novel insights into the cellular basis of pigmentation using mouse models of albinism
Li	Jinyang	CB	Stanger	December 2020	TUMOR CELLS AS ORGANIZERS OF THE TUMOR MICROENVIRONMENT: TUMOR CELL-INTRINSIC REGULATION OF ANTI-TUMOR IMMUNITY IN PANCREATIC CANCER
Maldini	Colby	GTV	Riley	December 2020	Chimeric Antigen Receptor T Cell Therapy for the Treatment of HIV
Monahan Vargas	Ernest	DSRB	Song	December 2020	The Microtubule Regulator Ringmaker Functions Downstream of RTCA and the RNA Repair/Splicing Pathway to Promote Axon Regeneration
Morales	Leon	GTV	Stedman / Bennett	December 2020	Development of Gene Therapy for Muscular Dystrophy and the Broader Implications of an Immune Response to Vector Encoded Antigens
Nambiar	Kalyani	MVP	Wilson	December 2020	Isolation and Characterization of Novel Adeno-associated Viruses for the Advancement of Gene Therapy

Radens	Caleb	G&E	Barash / Lynch	December 2020	Characterizing Local Splicing Variations from Heterogeneous RNA-Sequencing Datasets
Rodriguez	Jesse	GTV	Posey / June	December 2020	HCMV CAR T cells as a Novel Platform for Glioblastoma Cancer Immunotherapy
Russell	Ronnie	MVP	Hahn	December 2020	CD4 receptor diversity among African primates protects against SIV infection
Schneider	Sabine	G&E	Heuckeroth	December 2020	NOVEL INSIGHTS INTO THE GENETIC AND ENVIRONMENTAL DETERMINANTS OF ENTERIC NERVOUS SYSTEM BIOLOGY
Tajer	Benjamin	DSRB	Mullins	December 2020	Elucidating the Heterodimer Signaling Mechanism
Taylor	Louis	MVP	Bushman	December 2020	Virus Hunting Using Metagenomic Sequencing: Discovery and Initial Characterization of the Redondoviridae Family
Alicea-Torres	Kevin	GTV	Gabrilovich	August 2020	Type 1 Interferon: A Negative Regulator of Myeloid-Derived Suppressor Cells Function in Cancer
Bauer	Anya	MVP	Bar	August 2020	Development and Validation of Novel Transmitted/Founder SHIVs for HIV Persistence and Cure Research
Ibrahim	Ayon	CPM	Arany	August 2020	Exploring the Mechanisms of Basal and Stimulated Endothelial Fatty Acid Uptake and Transport
Melidosian	Bihui	CB	Minn	August 2020	Cancer Cell Antiviral Signaling Amplifies Transcription Output Through Chromatin Alterations to Drive Therapy Resistance
Moran	Deborah (DJ)	CB	Millar	August 2020	Identifying novel functions of KLF4 in postnatal epidermis and hair follicles
Nguyen	Son	MVP	Hoxie / Betts	August 2020	Defining the nature of CD8+ T cell response in lymphoid tissues of HIV-infected individuals: An implication for HIV cure
Tandel	Jayesh	MVP	Striepen	August 2020	Life cycle progression and sexual development of the apicomplexan parasite <i>Cryptosporidium parvum</i>
Yuan	Salina	CB	Stanger	August 2020	Epigenetic Reprogramming in Tumor Plasticity
Behera	Vivek	CB	Blobel	May 2020	Mining the Spatial and Temporal Context by Which Transcription Factors Occupy Chromatin
Christensen	Shannon	MVP	Hensley	May 2020	Protective Potential of H1N1 Influenza Hemagglutinin Stalk Domain Antibodies: Implications for a Universal Influenza Vaccine
Cohen	Jennifer	G&E	Sundaram	May 2020	Pipe Dreams: Luminal Matrices and Tube Shaping
Cote	Allison	CPM	Raj	May 2020	Cell-to-Cell Heterogeneity in Transcription and Splicing

Genoyer	Emmanuelle	MVP	Lopez	May 2020	Intracellular Localizations of Full-Length and Defective Viral Genomes: Impacts on and Insights into Paramyxovirus Particle Production
Grevet	Jeremy	G&E	Blobel	May 2020	Domain-Focused CRISPR-Screen Identifies HRI as a Regulator of Fetal Hemoglobin in Adult Erythroid Cells
Kishore	Siddharth	DSRB	Gadue	May 2020	The Penetrance of Pancreas Agenesis Caused by GATA6 Mutations is Modified by a Non-Coding SNP
Lang	Jonathan	GTV	Davidson	May 2020	Developing Adeno-Associated Viral Vectors as a Gene Editing Platform
Lin	Mei	CB	Chen	May 2020	Roles of TNFAIP8 in Cell Migration and Phosphoinositide Signaling
Neinast	Michael	CPM	Arany	May 2020	Mapping and Directing Branched-Chain Amino Acid Metabolism in Health and Insulin Resistance
Richman	Lee	CB	Vonderheide	May 2020	Antigen Quality: Dissimilarity to the Self-Proteome as a Novel Determinant of Immunogenicity
Ryan	Sean	G&E	Anderson / Jordan-Sciutto	May 2020	Modeling Complex Neurological Disorders with Human Induced Pluripotent Stem Cells
Saffie	Rizwan	CB	Busino	May 2020	FBXW7 Triggers Degradation of KMT2D to Favor Growth of Mature B-Type Malignant Cells
Walter	David	CB	Feldser	May 2020	Elucidating the Tumor Suppressive Functions of Rb and Setd2 in Lung Adenocarcinoma
Windmueller	Rebecca	DSRB	Morrisey	May 2020	Prospective Isolation and Characterization of Mononucleated and Binucleated Cardiomyocytes
Allen	Robyn	DSRB	Mullins / Shore	December 2019	FOP-ACVR1 Signals by Multiple Modalities in the Developing Zebrafish
Bellissimo	Dana	CB	Speck / Gilliland	December 2019	The regulation of myeloid inflammatory responses by RUNX1: roles in normal and malignant hematopoiesis
Blomberg	Rachel	GTV	Pure	December 2019	Fibroblast activation protein and collagen remodeling in the intersection between obesity and breast cancer
Cali	Christopher	G&E	Lee	December 2019	Genetic and Epigenetic Modifiers of C9orf72 Expression in Neurodegenerative Disease
Chirino	Leilani	CB	Kambayashi	December 2019	TAM receptors negatively regulate NK cells via E3 Ubiquitin ligase Cbl-b
Davis	Amy	MVP	Hensley	December 2019	The effect of early life exposure on influenza antibody repertoire and subsequent consequences for viral evolution
Dilley	Leela	G&E	Kayser	December 2019	Identification of a molecular basis for the juvenile sleep state

Field	Natania	MVP	Oliver	December 2019	ITCH AND CULLIN 5 ATTENUATE TYPE 2 INFLAMMATION THROUGH DISTINCT MECHANISMS
Harrington	Colleen	CB	Thomas-Tikhonenko	December 2019	Harnessing the pro-apoptotic function of Myc to improve therapeutic responses in chemoresistant B-cell lymphoma
Herrmann	Christin	MVP	Weitzman	December 2019	Adenovirus strategies for altering the cellular environment in favor of infection
Huang	Yangpeiwei	CB	Simon	December 2019	FBP2 inhibits sarcoma progression by restraining mitochondrial biogenesis
Johnson	Kelsey	G&E	Voight	December 2019	Haplotype-based approaches for the study of human evolution
Kuhn	Terra	CPM	Capelson	December 2019	Regulation of Chromatin State and Gene Expression by Nuclear Pore Proteins
Lim	Lillian	DSRB	Kahn	December 2019	Roles of VEGFC and VEGFR3 in lymphangiogenesis and angiogenesis
Payne	Riley	CPM	Foskett	December 2019	The Molecular Basis for Rapid Ca ²⁺ Transport Across the Inner Mitochondrial Membrane
Philipson	Benjamin	CPM	Milone / Albelda	December 2019	From bench to bedside and back again: CAR T cell signaling and survival
Rome	Kelly	CB	Pear	December 2019	Tribbles homologue 1 controls antiviral immunity by restraining T cell effector programming and function.
Sakers	Alexander	G&E	Seale	December 2019	Identification of a mesenchymal progenitor cell hierarchy in adipose tissue
Taschuk	Frances	MVP	Cherry	December 2019	Antiviral activities of DEAD-box RNA helicases
Towler	O. Will	DSRB	Shore	December 2019	Regulation of bone and joint morphogenesis by ACVR1
Tuazon	Francesca	DSRB	Mullins	December 2019	METALLOPROTEASE REGULATION SHAPES THE BMP GRADIENT IN SPACE AND TIME
Wojtak	Krzysztof	GTV	Weiner	December 2019	Preventive and Therapeutic DNA Technologies Targeting Epstein-Barr Virus
Xu	Caiyue	CB	Berger	December 2019	Characterization of novel nuclear substrates of mammalian autophagy pathway in cellular senescence and aging
Zhao	Steven	CB	Wellen	December 2019	From Sugar to Acetate – The Origins of Acetyl-CoA Dictate its Use in Cells and in Mice
Baumann	Bailey	CPM	Dunaief	August 2019	Pathways to pathologic retinal iron accumulation: Blood, guts and the immune system
Bazilevsky	Gleb	G&E	Marmorstein	August 2019	Insight into Acetyl-CoA Regulation through the Molecular Mechanism of ATP-Citrate Lyase
DeLaney	Alexandra	MVP	Brodsky	August 2019	The mechanism of caspase-8-mediated gene expression and its integral role in host defense

Lieberman	Allyson	CB	Pure / Ryeom	August 2019	Calcineurin/NFAT Signaling in Fibroblast Homeostasis and Activation
Modayur Chandram	Prasanna	CPM	Nakagawa / Rustgi	August 2019	Mechanisms underlying alcohol-mediated cellular injury in esophageal keratinocytes
Reyes Ruiz	Valeria	MVP	Shin	August 2019	Investigating the role of the human NAIP/NLRC4 inflammasome in host defense against gram-negative bacterial infection
Weed	Lindsey	GTV	Bennett	August 2019	Addressing Aav-Mediated Gene Therapy Challenges In The Retina: Readministration, Aav Capsid Optimization, And In Vitro Disease Modeling
Yarmarkovich	Mark	CB	Maris	August 2019	Immunotherapeutic Targeting Of Lineage Restricted Oncoproteins In Immunogenically Silent Tumors
Abbas	Arwa	MVP	Bushman/ Collman	May 2019	The Human Lung Viral Microbiome in Health and Disease
Bakir	Basil	CB	Rustgi	May 2019	The Role of p120ctn in the Initiation and Dissemination of Pancreatic Cancer
Bjanes	Elisabet	MVP	Brodsky	May 2019	The mitochondrial protein CARD19 regulates membrane integrity and terminal lysis downstream of caspase activation and gasdermin cleavage.
Chen	Annie	MVP	Goulian	May 2019	Stress and Survival of Enterobacteriaceae: Studies of Dehydration Tolerance and Polymyxin Resistance
Child	Daniel	G&E	Davidson	May 2019	Cardiac effects of Huntington's disease in murine models
Goldstein	Stephen	MVP	Weiss	May 2019	Innate immune antagonism by diverse coronavirus phosphodiesterases
Good	Austin	G&E	Stoffers	May 2019	Unraveling the beta cell translome: elucidation of an ERK/hnRNP/JUND axis
Grindheim	Jessica	CB	Zaret	May 2019	PRC2 proteins EZH1 and EZH2 Regulate Timing of Postnatal Hepatocyte Maturation and Fibrosis
Kharbanda	Akriti	CB	Witze	May 2019	The Regulation of EGFR Signaling and KRAS Tumorigenesis by Receptor Palmitoylation
Kim	Eunsun	CB	Viatour	May 2019	A Novel Perspective on the Role of β -catenin in Hepatocellular Carcinoma
Munoz	Vanessa	MVP	St. Geme	May 2019	Surface polysaccharides promote innate immune evasion by the pediatric pathogen <i>Kingella kingae</i>
Ong	Katy	CPM	DiNardo	May 2019	Multiple feedback mechanisms fine-tune Rho signaling to regulate morphogenetic outcomes

Peel	Michael	G&E	Liebhaber	May 2019	Identification and Functional Characterization of Novel Determinants of the Somatotrope and Lactotrope Lineages in the Anterior Pituitary
Rieders	Julianne	GTV	Davidson	May 2019	INVESTIGATING THE DYSREGULATION AND THERAPEUTIC POTENTIAL OF NEUROPROTECTIVE STRESS RESPONSE PROTEINS IN HUNTINGTON'S DISEASE
Rivera-Reyes	Adrian	CB	Eisinger	May 2019	Deregulation of the Hippo Pathway Suppresses Differentiation and Promotes Sarcomagenesis
Samuels	Amanda (Mandie)	MVP	Kohli	May 2019	Non-canonical Functions of the Bacterial SOS Response
Sanchez	Danielle	DSRB	Simon	May 2019	Role of the nuclear receptor PPAR γ in clear cell renal and bladder urothelial carcinoma
Shakhmantsir	Iryna	DSRB	Sehgal	May 2019	Splicing the clock is timeless: from fruit fly behavior to mammalian retinal degeneration
Stanley	Alexandra	DSRB	Shore/ Mourkioti	May 2019	Skeletal Muscle Regeneration and Cellular Mechanotransduction in Fibrodysplasia Ossificans Progressiva (FOP)
Syrett	Camille	DSRB	Anguera	May 2019	A novel requirement for Xist-RNA mediated X chromosome inactivation maintenance in female-biased autoimmunity
Willis	Elinor	MVP	Hensley	May 2019	The effect of maternal antibodies on anti-viral immunity in infant mice
Chung	Chia-Yu	G&E	Bonini	December 2018	Little Elongation Complex (LEC) and Super Elongation Complex (SEC) as Regulators of TDP-43-associated Neurodegeneration
Corman	Tanya	DSRB	Epstein	December 2018	Temporal requirements for Sonic Hedgehog signaling in development of the tuberal hypothalamus
Dilley	Robert	CB	Greenberg	December 2018	Mechanisms of telomere repair synthesis
Ducommun Priest	Melissa	DSRB	Granato	December 2018	The Role of Molecular Motors in Peripheral Nerve Regeneration
Hostetler	Zachary	MVP	Kohli	December 2018	A Genetically Encoded Fluorescent Amino Acid Reveals Protein Dynamics Regulating the Bacterial DNA Damage Response
Li	Mischa Longyin	G&E	Greenberg	December 2018	TIP60-dependent histone acetylation promotes DNA repair by homologous recombination.
Lin	Nan	CB	Simon	December 2018	Hypoxic influences on myeloid cells during inflammation and inflammation-associated cancer

Liu	Mingen (Jason)	CB	Beatty	December 2018	METABOLIC REWIRING OF MACROPHAGES PROMOTES ANTI-TUMOR ACTIVITY IN PANCREATIC CANCER
Loy	Dorothy Elizabeth	MVP	Hahn	December 2018	Plasmodium Infections of Wild Apes and Human Zoonotic Risk
McDougald	Devin	GTV	Bennett	December 2018	Reprogramming the retina: next generation strategies of retinal neuroprotection and gene therapy vector potency assessment
Salantes	Danielle (Brenda)	GTV	Bar	December 2018	Rebound relationships: An investigation of HIV-1 rebound dynamics and host immune responses during analytical treatment interruption
Tameire	Feven	CB	Koumenis	December 2018	The role of the Integrated Stress Response transcription factor ATF4 in MYC induced tumorigenesis
Xie	Hong	CB	Simon	December 2018	IRE1 α Rnase-dependent lipid homeostasis promotes survival in Myc-transformed cancers
Zost	Seth	MVP	Hensley	December 2018	Dissecting human antibody responses against influenza A viruses and antigenic changes that facilitate immune escape
Chatterji	Priya	G&E	Rustgi	August 2018	The opposing effects of LIN28B-IMP1 post-transcriptional regulon on oncogenic signaling in the intestine.
Dooley	Scott	GTV	Bennett	August 2018	Tailoring big genes to small capsids: Developing pre-mRNA trans-splicing therapies to treat genetic retinal diseases
French	Robert	GTV	Arruda	August 2018	Gene Therapy Approaches to Immune Tolerance Induction in Canine Hemophilia
Giles	April	GTV	Wilson	August 2018	Immunological and biochemical evaluation of the AAV capsid to advance next-generation gene therapy vector design.
Kern	Bradley	MVP	St. Geme	August 2018	Characterizing Knh: A Multifunctional <i>Kingella kingae</i> Adhesin
Kim	Yong Hoon	G&E	Lazar	August 2018	Transcriptional control of circadian rhythms
King	Anna	DSRB	Sehgal	August 2018	Neural circuits controlling circadian rhythms
Sadeghi	Rochelle	CB	Witze	August 2018	Wnt5a signaling induced phosphorylation increases APT1 activity and promotes melanoma metastatic behavior
Stypulkowski	Ewa	DSRB	Witze	August 2018	Protein palmitoylation: insights for reversible lipid modification on cell polarity and tumor development

Walton	Zandra	CB	Dang	August 2018	Acid suspends the circadian clock in hypoxia through inhibition of mTOR
Anastassiadis	Theonie	CB	Brown	May 2018	Dissecting the functions of ATR in replication fork stability
Bart	Stephen	MVP	Bates	May 2018	Enhancement of Ebola virus infection by seminal amyloid fibrils
Choi	Jaewoo	CB	Busino	May 2018	Cross-talk between protein degradation and mRNA decay in Diffuse large B-cell lymphoma
Duong	Thu	DSRB	Bennett	May 2018	USE OF INDUCED PLURIPOTENT STEM CELL MODELS TO ELUCIDATE RETINAL DISEASE PATHOGENESIS AND TO DEVELOP GENE-BASED THERAPIES
Emmer	Kristel	GTV	Ertl	May 2018	Induction of antibodies to HIV-1 envelope using simian adenovirus vaccines
Jiang	Qinqin	CB	Greenberg	May 2018	Molecular Recognition at DNA Damage Sites
Kubiak	Jeffrey	MVP	Kohli	May 2018	A Synthetic Circuit for Control of the Bacterial DNA Damage Response without DNA Damage
Mukherjee	Eric	G&E	Payne	May 2018	THE ROLE OF ANTIBODY SUBCLASS IN THE PATHOGENESIS OF PEMPHIGUS VULGARIS
Myers SanMiguel	Jennifer	G&E	Bartolomei	May 2018	Exploring the Role of Tet1 in Genomic Imprinting
Natale	Christopher	DSRB	Ridky	May 2018	Nonclassical Sex Hormone Signaling in Melanocytes and Melanoma
Pancholi	Neha	MVP	Weitzman	May 2018	Adenovirus strategies to regulate the association of cellular proteins with viral genomes.
Rohacek	Alex	DSRB	Epstein	May 2018	DISCOVERING NOVEL HEARING LOSS GENES: ROLES FOR ESRP1 AND GAS2 IN INNER EAR DEVELOPMENT AND AUDITORY FUNCTION
Rosa	Jeffrey	DSRB	Ghabrial	May 2018	Extracellular cues in the regulation of tube shape during organogenesis.
Shapira	Suzanne	G&E	Seale	May 2018	CHROMATIN REMODELING DYNAMICS DURING BROWN ADIPOGENESIS
Xin	Frances	CB	Bartolomei	May 2018	Physiological and molecular changes across the lifespan following developmental chemical exposure
Chao	Timothy	CB	Vonderheide	December 2017	Cytokine networks and immunosurveillance in cancer
Dubowy	Christine	G&E	Sehgal	December 2017	INSIGHTS INTO SLEEP HOMEOSTASIS FROM A DROSOPHILA GENETIC SCREEN FOR SLEEP REBOUND MUTANTS
Emmett	Matthew	DSRB	Lazar	December 2017	Histone Deacetylase 3 and the Epigenomic Regulation of Brown Adipose Physiology

Hanby	Hayley	CPM	Marks	December 2017	Platelet Dense Granules Mature Within Late Stages of Megakaryocyte Differentiation By Cargo Delivery
Knox	James	MVP	Betts	December 2017	Characterization of human T-bet-expressing B lymphocytes and their role in the HIV immune response
Lee	Joyce	G&E	Wellen	December 2017	Influence of acetyl-CoA metabolism on epigenetics and cancer
Lekova	Virzhiniya	G&E	Bonini	December 2017	Role and impact of the gut microbiota in a Drosophila model for parkinsonism
Palozola	Katherine	G&E	Zaret	December 2017	Global Mitotic Transcription and Reactivation During Mitotic Exit: A Potential Epigenetic Mechanism
Rothwell	William	GTV	Wilson	December 2017	Intrathecal AAV9.trastuzumab tumor prophylaxis and treatment in a murine xenograft model of HER2+ breast cancer brain metastases.
Sheehan Wetzel	Katherine	MVP	Collman	December 2017	Widespread use of CXCR6 for entry by natural host SIVs: implications for cell targeting and infection outcome
Sivanand	Sharanya	CB	Wellen	December 2017	Linking Metabolism with DNA Repair: Role of ATP-Citrate Lyase
Speer	Kelsey	CPM	Lemmon/ Klein	December 2017	Investigating the in vivo role of Wnt acylation
Tarlow (Weisz)	Eliana	G&E	Jongens	December 2017	Investigation of metabolism and mitochondrial function in a Drosophila model of Fragile X Syndrome
Till	Jacob	CB	Ryeom	December 2017	A New Mouse Model of Metastatic Gastric Cancer and E-Cadherin Primary Tumor Suppression
Balcersek	Joanna	CB	Tong	August 2017	The role of Lnk adaptor protein in hematopoietic stem cell genome stability and self-renewal
Benci	Joseph	CB	Minn	August 2017	Tumor Interferon Signaling Initiates and Sustains a Multigenic Resistance Program to Immune Checkpoint Blockade
Brady	Lauren	G&E	Koumenis	August 2017	Transcriptome studies of hypoxic cancer cells identify alternative splicing as a mechanism to inhibit translation
Cedeno	Ryan	DSRB	Lengner	August 2017	Histone variant macroH2A in the gut and beyond: a study of intestinal fortitude
Glennie	Nelson	MVP	Scott	August 2017	The role of skin-resident CD4+ T cells in cutaneous leishmaniasis
Hogan	Michael	MVP	Hoxie/ Weissman	August 2017	Improving Vaccine Design for Viral Diseases Using Modified Antigens and Vectors

Hsu	Sarah	CB	Blobel	August 2017	ROLE OF BROMODOMAIN AND EXTRATERMINAL MOTIF PROTEINS IN TRANSCRIPTION AND CHROMATIN ARCHITECTURE
Kim	Hye In	G&E	Rader	August 2017	THE MOLECULAR MECHANISM OF THE GWAS ASSOCIATION OF THE SLC22A1 LOCUS WITH METABOLIC TRAITS
Knight	M. Noelle	DSRB	Ahn/ Hankenson	August 2017	R-SPONDIN-2 MODULATES OSTEOBLASTOGENESIS AND BONE ACCRUAL THROUGH WNT SIGNALING
Leibman	Rachel	MVP	Riley	August 2017	Engineering chimeric antigen receptors for durable control over HIV-1 replication.
Rivard	Rebecca	CB	Brown	August 2017	iPOND2: The Next Generation. The Development and Application of Improved Methods For Assessment of Replisome Protein Dynamics
SanMiguel	Adam	MVP	Grice	August 2017	IMPACT OF TOPICAL ANTIMICROBIAL TREATMENTS ON ♂SKIN BACTERIAL COMMUNITIES
Sim	Xiu Li	DSRB	Gadue	August 2017	UNDERSTANDING MEGAKARYOPOIESIS AND THROMBOPOIESIS USING HUMAN STEM CELLS MODELS
Vandivier	Lee	G&E	Gregory	August 2017	KILLING THE MESSENGER: EXPLORING NOVEL TRIGGERS FOR MESSENGER RNA DECAY IN EUKARYOTES
Yousefi	Maryam	DSRB	Lengner	August 2017	The cellular and molecular underpinnings of intestinal epithelial regeneration.
Yzaguirre	Amanda	DSRB	Speck	August 2017	THE SPECIFICATION OF HEMOGENIC ENDOTHELIUM DURING EMBRYOGENESIS AND BEYOND
Ashley	Scott	GTV	Wilson	May 2017	Impact of Host Factors on the Adaptive Immune Response to AAV Gene Therapy
Becker	Justin	CB	Zaret	May 2017	The Human Heterochromatin Landscape: Genomic Subtypes, Bound Proteins, and Contributions to Cell Identity
Christopher	Devin	GTV	Rader	May 2017	Pre-Clinical Development of AAV Mediated Gene Therapy for Familial Lecithin Cholesterol Acyltransferase Deficiency
Convente	Michael	DSRB	Shore	May 2017	The Immunological Contributions to Heterotopic Ossification Disorders - Insights from Fibrodysplasia Ossificans Progressiva
Coyle (Kissig)	Megan	CPM	Seale	May 2017	ELUCIDATING THE ROLE OF TYPE I INTERFERON SIGNALING IN ADIPOCYTE BIOLOGY
Foley	Shawn	G&E	Gregory	May 2017	GENOMICS-BASED STUDIES IDENTIFY CIS AND TRANS ACTING POST-TRANSCRIPTIONAL REGULATORS

Gallagher	Michael	G&E	Chen-Plotkin	May 2017	GENETIC REGULATION OF TMEM106B IN THE PATHOGENESIS OF FRONTOTEMPORAL LOBAR DEGENERATION
Gimblet	Ciara	MVP	Scott	May 2017	REGULATING IMMUNE MEDIATED PATHOLOGY IN CUTANEOUS LEISHMANIASIS: ROLES FOR IL-22 AND SKIN MICROBIOTA
Herriges	Michael	DSRB	Morrisey	May 2017	Characterization of the Nanci-Nkx2.1 locus: A novel role for lncRNAs in buffering transcription factor expression
Hur	Stella	DSRB	Bartolomei	May 2017	Developing models to investigate mechanisms of genomic imprinting
Iyer	Shilpa	MVP	Hahn	May 2017	Determinants of HIV-1 Mucosal Transmission and Type I Interferon Resistance
Kieckhaefer	Julia	G&E	Kaestner	May 2017	Modulation of transcription in the murine gut epithelium in development, differentiation, and disease
Ko	Yi-An	G&E	Susztak	May 2017	Understanding Chronic Kidney Disease: Genetic and Epigenetic Approaches
Lin	Wen	G&E	Rader	May 2017	SLC39A8/ZIP8 INFLUENCES COMPLEX TRAITS BY REGULATING METAL ION METABOLISM
Lin-Hendel	Erika	DSRB	Golden	May 2017	Differential Requirements for Mitochondria During Neuronal Migration
McIntosh	Betsy	CPM	Ostap/ Holzbaur	May 2017	ENGINEERED CYTOSKELETAL ARRAYS REVEAL MECHANISMS OF MEMBRANE TRANSPORT AND TUBULATION
Mehta	Minal	GTV	Rader	May 2017	ELUCIDATING THE ROLE OF HEPATIC PPP1R3B GENE IN GLUCOSE AND LIPID METABOLISM
Miller	Katelyn	CPM	Rall	May 2017	Neuronal survival following RNA virus infection facilitates viral persistence, reactivation, and pathogenesis
Nabet	Barzin	CB	Minn	May 2017	Exosomes from the Tumor Microenvironment Promote Breast Cancer Progression and Therapy Resistance Through Unshielded Non-Coding RNA
Nguyen-McCarty	Michelle	DSRB	Klein	May 2017	CHARACTERIZING A SIGNALING NETWORK THAT MAINTAINS HEMATOPOIETIC STEM CELLS
Rech	Andrew	CB	Vonderheide	May 2017	Determinants of adaptive immunity in cancer
Riblett	Amber	MVP	Doms	May 2017	FORWARD GENETIC SCREENING IN HUMAN HAPLOID CELLS TO IDENTIFY HOST FACTORS REQUIRED FOR VIRUS AND TOXIN ENTRY

Zinski	Joseph	DSRB	Mullins	May 2017	Systems biology derived mechanism of BMP gradient formation
Aboagye-Sackey	Bridget	CPM	Wells	December 2016	The Fibronectin EIIIA splice variant promotes liver sinusoid repair following hepatectomy
Aiello	Nicole	DSRB	Stanger	December 2016	Coming Full Circle: Epithelial Plasticity and the Natural History of Metastasis
Barbian	Hannah	MVP	Hahn	December 2016	SIV Infected Chimpanzees: Consequences of Long-Term Infection and Potential Intervention Strategies
Chambers	Benjamin	MVP	Hensley	December 2016	VACCINE STRAIN SELECTION FOR INFLUENZA A VIRUSES IS COMPLICATED BY UNIQUE PRE-EXPOSURE HISTORIES AND RAPID MUTATION OF GLYCOPROTEINS
Demers	Korey	MVP	Betts	December 2016	CD8+ T Cell Effector Function and Transcriptional Regulation During HIV Pathogenesis
Fu	Qi	DSRB	Wang	December 2016	GENETIC REQUIREMENT FOR THE RNA HELICASE MOV10L1 IN PIRNA BIOGENESIS
Glineburg	M. Rebecca	G&E	Johnson	December 2016	DNA DISENTANGLED: ROLES FOR SGS1 AND TOP3 IN REC-X RESOLUTION AND REPLICATION FORK RESTART
Hay	Amanda	MVP	Zhu	December 2016	COORDINATION OF VIBRIO CHOLERAEE EARLY COLONIZATION PHENOTYPES IN RESPONSE TO HOST INTESTINAL FACTORS
Jimenez	Richard	G&E	Schultz	December 2016	ROLE OF MATERNAL SIN3A DURING MOUSE PREIMPLANTATION DEVELOPMENT
Karakasheva	Tatiana	CB	Rustgi	December 2016	CYTOKINE NETWORKS IN ESOPHAGEAL SQUAMOUS CELL CARCINOMA
Khetarpal	Sumeet	G&E	Rader	December 2016	Mining Genomic Variants and Causal Pathways Linking HDL and Triglycerides to Coronary Disease
Kreider	Edward	MVP	Hahn	December 2016	HIV-1 Evolution During Infection
Kumar	Kritika	MVP	Hoxie	December 2016	Insights into HIV-1 Coreceptor Engagement and its Contribution to Membrane Fusion
Loesche	Michael	MVP	Grice/ Bushman	December 2016	Temporal Dynamics of the Skin Microbiome in Disease
Molleston	Jerome	MVP	Cherry	December 2016	A conserved antiviral role for a virus-induced cytoplasmic exosome complex
Monyak	Rachel	G&E	Jongens	December 2016	IDENTIFICATION AND RESCUE OF MISREGULATED INSULIN SIGNALING IN A DROSOPHILA MODEL OF FRAGILE X SYNDROME
Santiago	Celine	DSRB	Bashaw	December 2016	Regulation of Axon Guidance Receptor Expression and Activity During Neuronal Morphogenesis

Shearin	Abigail	G&E	Birnbaum/ Seale	December 2016	AKT controls adipocyte function and systemic metabolism
Svoronos	Nikolaos	GTV	Conejo-Garcia	December 2016	Estrogens impair antitumor immunity by promoting the accumulation of myeloid-derived suppressor cells
Traxler	Elizabeth	GTV	Weiss	December 2016	Insights Into Erythropoiesis Influenced by Human Genetic Variation
Wise	Megan	MVP	Weiner	December 2016	NOVEL APPROACHES TO IMPROVE DNA VACCINE INDUCED RESPONSES AGAINST DIFFICULT INFECTIOUS DISEASE TARGETS
Yang	Yueqin	G&E	Carstens	December 2016	Determination of a comprehensive alternative splicing regulatory network and the combinatorial regulation by key factors during the epithelial to mesenchymal transition
Allegrezza	Michael	GTV	Conejo-Garcia	August 2016	Modulation of Antitumor Immunity by the MEK Inhibitor Trametinib: Implications for Targeted Therapy of Cancer
Bryson	Alexandra	MVP	Bushman	August 2016	Covalent DNA Modifications in Phage and Bacteria Dynamics
Drake	Mary Jane	MVP	Bates	August 2016	Uncovering Bunyavirus-Host Interactions
Jain	Payal	GTV	Resnick	August 2016	MOLECULAR MECHANISMS OF ONCOGENESIS & PRECISION MEDICINE APPROACHES FOR PEDIATRIC LOW-GRADE GLIOMAS
Johnson	Seth	G&E	Roegier	August 2016	Endocytic regulation of Notch signaling in Drosophila melanogaster neural progenitor cells
Kim	Rinho	G&E	Kaestner	August 2016	Epigenetic Regulation of Embryonic and Intestinal Stem Cells by DNA hydroxymethylation
Mews	Philipp	G&E	Berger	August 2016	Linking Acetyl-CoA Metabolism and Histone Acetylation to Dynamic Gene Regulation in Yeast and Mouse Hippocampus
Zhang	Ying	GTV	Ertl	August 2016	Blocking Immunosuppressive Factors and Taking Advantage of the Nutrients Supply within the Tumor Microenvironment: Pathways to Achieve Improved Cancer Immunotherapeutic Efficacy for Patients with Metastatic Melanoma
Aghajanian	Haig	DSRB	Epstein	May 2016	SEMAPHORIN 3D SIGNALING IN CARDIOVASCULAR DEVELOPMENT
Birdwell	Lester Dillon	MVP	Weiss	May 2016	Interactions of the OAS-RNase L Pathway with Murine Coronavirus

Busch	Johanna	CB	Chen-Plotkin	May 2016	INCREASED EXPRESSION OF FRONTOTEMPORAL DEMENTIA RISK FACTOR TMEM106B ALTERS LYSOSOMAL AND AUTOPHAGOSOMAL PATHWAYS
Challis	Rosemary	CPM	Ma	May 2016	AN OLFACTORY CILIA PATTERN IN THE MAMMALIAN NOSE ENSURES HIGH SENSITIVITY TO ODORS
Chehoud	Christel	MVP	Bushman/ Wu	May 2016	The Impact of Tiny Organisms: Microbial Communities and Disease States
Elser (Zelman)	Samra	MVP	Hoxie	May 2016	THE ROLE OF THE GP41 MEMBRANE-PROXIMAL TYROSINE MOTIF IN SIMIAN IMMUNODEFICIENCY VIRUS PATHOGENESIS
Esquivel	Rianne	MVP	Pohlschroder	May 2016	HALOFERAX VOLCANII STRATEGIES TO REGULATE TYPE IV PILUS DEPENDENT ADHESION AND MICROCOLONY FORMATION
Falk	Samantha	G&E	Black	May 2016	Centromere identity and the nature of the CENP-A-containing nucleosome
Flingai	Seleeke	GTV	Weiner	May 2016	Engineered DNA-Mediated Antibody Gene Transfer for Prophylaxis Against Infectious Diseases
Frederick	David	CPM	Baur	May 2016	NAMPT-Mediated NAD Homeostasis in Skeletal Muscle: Implications for Healthy Aging
Hsiung	Chris	G&E	Blobel/ Raj	May 2016	The Mitotic Genome: Accessibility and Transcriptional Control
Johnson	Brian	G&E	Zhou	May 2016	CONTEXTUAL INSIGHTS INTO THE RETT SYNDROME TRANSCRIPTOME
Kameswaran	Vasumathi	GTV	Kaestner	May 2016	EPIGENETIC REGULATION OF THE DLK1-MEG3 IMPRINTED LOCUS IN HUMAN ISLETS
Kawalekar	Omkar	GTV	June	May 2016	CAR DRIVERS AND FUEL SOURCES: HOW DISTINCT SIGNALING DOMAINS IN CHIMERIC ANTIGEN RECEPTORS REPROGRAM T CELLS
Li	Yun Rose	G&E	Keating/ Hakonarson	May 2016	THE GENOMIC LANDSCAPE OF PEDIATRIC AUTOIMMUNE DISEASES
Lo	Albert	GTV	Pure	May 2016	FINDING COMMON GROUND TO TREAT PRIMARY AND METASTATIC CANCER: THE POTENTIAL OF TARGETING TUMOR STROMA
Patro	Sean	MVP	Montaner	May 2016	Monocyte and Macrophage Apoptosis and Activation during HIV-1 Infection and Antiretroviral Therapy
Shen	Ting-Chin	CPM	Wu	May 2016	THE ROLE OF GUT MICROBIOTA UREASE IN THE HOST WITH LIVER DISEASE

Smith	Jenessa	GTV	Powell	May 2016	Treating Cancer with Targeted Immune Therapies: Murine and Canine Models of Safety and Efficacy
Sundararaman	Sesh	MVP	Hahn / Bushman	May 2016	Comparative genomics of ape Plasmodium parasites reveals key evolutionary events leading to human malaria
Wood	Kathleen	G&E	Zhou	May 2016	INSIGHTS INTO MBD2 FUNCTION REVEALED BY A NOVEL GENETIC TAGGING APPROACH
Zhu	Jiajun	CB	Berger	May 2016	Interplay between p53 and epigenetic pathways in cancer
Zwack	Erin	MVP	Brodsky	May 2016	Activation and evasion of the inflammasome by Yersinia
Bradley	William	MVP	Shin	December 2015	Innate immune response to Coxiella burnetii
Cho	Nam Woo (Will)	CB	Greenberg	December 2015	Homologous Recombination-Directed Mechanisms of Alternative Lengthening of Telomeres
Cocka	Luis	MVP	Bates	December 2015	Insight into Tetherin-mediated Signaling via the Discovery of a Novel Isoform with Biologically Distinct Properties
Duperret	Elizabeth	CB	Ridky	December 2015	THE ROLE OF α V INTEGRINS IN HUMAN SKIN TISSUE HOMEOSTASIS, WOUND HEALING AND SQUAMOUS CELL CARCINOMA
Ediger	Benjamin	DSRB	Stoffers	December 2015	LDB-1 MEDIATED COMPLEXES: A TRANSCRIPTIONAL PARADIGM THAT ESTABLISHES AND MAINTAINS PANCREATIC ENDOCRINE CELL IDENTITY
Evans	Rebecca	CB	Vonderheide	December 2015	T Cell Immunosurveillance of Pancreatic Ductal Adenocarcinoma
Hannigan	Geoffrey	GTV	Grice	December 2015	Novel Insights into Skin Bacterial and Viral Communities in Health and Acute Wounding
Hergott	Christopher	MVP	Weiser	December 2015	Microbial Manipulation of Phagocyte Function During Infection and Health
Hinderer	Christian	GTV	Wilson	December 2015	Intrathecal Adeno-associated Virus Vector Delivery for Mucopolysaccharidosis Type I
Ho	Tina	CPM	Marks	December 2015	Dimerization prevents PMEL functional amyloid formation in early secretory compartments
Kannan	Senthil	GTV	Ertl	December 2015	Immunosenescence in B cells: A study on changes in immunoregulator expression and metabolism with age
Long	Apple	CB	Rustgi	December 2015	Molecular mechanisms of esophageal squamous cell carcinoma

Lynn	Rachel	CB	Powell	December 2015	FRÅY-DIRECTED CAR T CELLS FOR IMMUNOTHERAPY OF CANCER
Nakazawa	Michael	CB	Simon	December 2015	Targeting Stress Response Pathways in Soft Tissue Sarcoma: The role of Hypoxia and Autophagy in Tumor Survival
O'Leary	Claire	CPM	Oliver	December 2015	Ubiquitylation regulates CD4+ T cell activation and effector differentiation to shape the immune response
Oo	Zaw	DSRB	Speck	December 2015	Development and Characterization of Tool Compounds Targeting the Runt Domain's Interaction with CBF β
Qiu	Bo	CB	Simon	December 2015	Tumor promoting functions of lipid storage in clear cell renal cell carcinoma
Riling	Christopher	CPM	Oliver	December 2015	DIFFERENTIAL DOMAIN ARCHITECTURE DIRECTS NEDD4 FAMILY E3 LIGASE FUNCTION
Silverman	Ian	G&E	Gregory	December 2015	INVESTIGATING RNA-PROTEIN INTERACTIONS IN EUKARYOTIC TRANSCRIPTOMES
Small	Sara	CB	Brown	December 2015	IL-10 FAMILY MEMBERS AS NOVEL RESPONDERS TO GENOTOXIC STRESS
Snitow	Melinda	DSRB	Morrisey	December 2015	THE ROLES OF EZH2 IN LUNG DEVELOPMENT
Swanstrom	Adrienne	MVP	Hoxie	December 2015	Dissociating SIV Env and CD4: Consequences for Virus and Host
Tsang	Sabrina	MVP	You	December 2015	INSIGHT INTO MERKEL CELL POLYOMAVIRUS REPLICATION THROUGH THE STUDY OF THE VIRAL EARLY PROTEINS: LARGE AND SMALL TUMOR ANTIGENS
Vande Burgt	Nathan	MVP	Bates	December 2015	The Role of the Ebolavirus Glycoprotein in Viral Budding with Tetherin
Wang	Yi	DSRB	Morrisey	December 2015	Class I Histone Deacetylases in Lung Development and Regeneration
Wingert	Lindsey	DSRB	DiNardo	December 2015	Specification and Morphogenesis of the Drosophila Testis Niche
Wojno	Adam	GTV	Bennett	December 2015	CEP290 and the primary cilium--understanding the protein's role in ciliary health and disease
Zalinger	Zachary	MVP	Weiss	December 2015	INVESTIGATING THE ROLE OF INNATE INFLAMMATORY PATHWAYS DURING INFECTION WITH MURINE CORONAVIRUS
Aoki	Reina	G&E	Kaestner	August 2015	Transcriptional Regulation of Intestinal Epithelial Stem cells and Differentiation

Casson	Cierra	MVP	Shin	August 2015	Investigating inflammasome activation in response to Legionella pneumophila and its application to other bacterial pathogens
Cole	Brian	GTV	Lynch	August 2015	Terrae Incognitae: Integrative Genomic Analysis of hnRNP L Splicing Regulation
Cramer	Elizabeth	MVP	Yuan	August 2015	The Cellular miRNA, miR-190, is Upregulated in Type I EBV Latency by EBERs and Modulates Cellular mRNAs Involved in Cell Survival and Viral Reactivation
DeMicco	Amy	CB	Bassing	August 2015	Context-dependent gene expression programs promote lymphocyte development and function and suppress transformation
Elliott	Ellen	DSRB	Kaestner	August 2015	DNMT1 in Intestinal Development and Cancer
Francis	Deanne	DSRB	Ghabrial	August 2015	Compensatory Branching Morphogenesis in the Drosophila Tracheal System
Griffin	Tagan	GTV	Wolfe	August 2015	Ex Vivo Gene Therapy for Lysosomal Storage Disease Using iPSC-Derived Neural Stem Cells
Parker	Zahra	MVP	Doms	August 2015	INSIGHTS INTO THE ROLE OF CHEMOKINES AND CHEMOKINE RECEPTORS DURING HIV-1 PATHOGENESIS
Plasschaert	Robert	G&E	Bartolomei	August 2015	Understanding the Recruitment and Regulatory Functions of CTCF During Development
Pombo	Carolina	MVP	Betts	August 2015	Expression of PD-1, CD160 and 2B4 on CD8 T cells during HIV infection: markers of exhaustion? CD8 T CELLS DURING HIV INFECTION
Black	Aaron	GTV	Bennett	May 2015	ADENO-ASSOCIATED VIRUS 8-MEDIATED GENE THERAPY FOR CHOROIDEREMIA: PRECLINICAL STUDIES IN IN VITRO AND IN VIVO MODELS
Brestoff	Jonathan	MVP	Artis	May 2015	Innate immune cell regulation of metabolic homeostasis
Crudele	Julie	GTV	Arruda	May 2015	Adeno-Associated Viral Vector-Driven Expression of Coagulation Proteins for Treatment of Hemophilias and Cancer
Diaz	Jason	MVP	You	May 2015	Novel Regulatory Mechanisms by Which Large T Antigen Coordinates the Merkel Cell Polyomavirus Life Cycle
Didigu	Chuka	MVP	Doms	May 2015	Therapeutic applications and specificity of action of designer nucleases for precision genome engineering
Ferreira	Mark	CB	Kaestner	May 2015	Spontaneous pancreatitis caused by tissue-specific ablation of Hhex in mice

Harms	Matthew	DSRB	Seale	May 2015	Controlling Thermogenesis: Understanding the Role of PRMD16 in the Development and Function of Brown Fat
Kosoff	Rachel	CB	Chernoff/ Field	May 2015	p21-activated kinase 2: signal transduction in mast cells, megakaryocytes and role in in vivo homeostasis
Lehman	Stacey	CB	Koumenis	May 2015	The role of the Integrated Stress Response kinase GCN2 in cell cycle regulation and tumorigenesis
Lemon	Jamie	MVP	Weiser	May 2015	The role of cytosolic access in Streptococcus pneumoniae nasopharyngeal colonization
Li	Yafeng	G&E	Dunaief	May 2015	IRON-INDUCED COMPLEMENT DYSREGULATION IN THE RETINAL PIGMENT EPITHELIUM: IMPLICATIONS FOR AGE-RELATED MACULAR DEGENERATION
Mui	Keeley	CB	Assoian	May 2015	Mechanical crosstalk between cell-cell and cell-matrix adhesions and modulation of N-cadherin-mediated proliferation by cell spreading
Odorizzi	Pamela	MVP	Wherry	May 2015	Regulation of Anti-Viral CD8+ T cell Responses by the PD-1 Pathway
Pferdehirt	Lauren	CB	Chodosh	May 2015	The Contribution of the ETS-Domain Transcription Factor EHF to Breast Cancer Dormancy and Recurrence
Sharma	Rajiv	GTV	High	May 2015	IN VIVO GENOME EDITING: PROOF OF CONCEPT IN NEONATAL AND ADULT MOUSE LIVER
Song	Yiwen	CB	Tong	May 2015	DECIPHERING ARAP3 FUNCTIONS IN HEMATOPOIESIS AND HEMATOPOIETIC STEM CELLS
Spinazzola	Janelle	CPM	Sweeney	May 2015	Gamma-sarcoglycan mediated mechanotransduction in skeletal muscle
Stoddard	Mark	MVP	Shaw	May 2015	MOLECULAR CHARACTERIZATION OF THE TRANSMISSION AND EARLY DIVERSIFICATION OF HCV
Syrovatkina	Viktoriya	CPM	Tran	May 2015	ROLE OF MOLECULAR MOTORS AND MAPS IN SPINDLE DYNAMICS AND CHROMOSOME SEGREGATION IN THE FISSION YEAST SCHIZOSACCHAROMYCES POMBE
Villarreal	Daniel	GTV	Weiner	May 2015	ALARMING IMMUNITY: A WAKE UP CALL FOR CD8 T CELLS USING GENETIC ADJUVANTS (IL-33 AND ISG15)
Winograd	Rafael	CB	Vonderheide	May 2015	Resistance to PD-1 blockade in pancreatic cancer
Abdulhaqq	Shaheed	GTV	Montaner	December 2014	Determinants of SIV/HIV-1 Infection in the Female Reproductive Tract in both the Non-Human Primate Model and Humans
Banks	Lauren	MVP	Koretzky	December 2014	The role of the Akt2 isoform in Th17 differentiation in vitro and peripheral CD4 T cell immune responses in vivo

Elliott	Sarah	MVP	Collman	December 2014	DISTINCT PATTERNS OF CCR5 VERSUS ALTERNATIVE CORECEPTOR DEPENDENCE IN NON-NATURAL HOST VERSUS
Erion	Renske	CB	Sehgal	December 2014	Regulation of Sleep and Circadian Rhythms by Metabolic Neuropeptides in <i>Drosophila melanogaster</i>
Glatman Zaretsky	Arielle	MVP	Hunter	December 2014	The Development and Maintenance of B cell Responses to Microbial Challenge
Gupta	Mudit	DSRB	Epstein	December 2014	Regulation of Progenitor Cell Commitment by Hdac3
Helfer	Christine	MVP	You	December 2014	Multiple Roles of BRD4 in the Human Papillomavirus Life Cycle
Kadzik	Rachel	DSRB	Morrissey	December 2014	Epithelial Cell Shape Changes During Lung Branching Morphogenesis: The Role Of Wnt/Fzd2 Signaling In Directing
Maas	Nancy	CB	Diehl	December 2014	A CHEMICAL-GENETIC SCREEN FOR IDENTIFYING SUBSTRATES OF THE ER KINASE PERK
Min	Sang	CPM	Abrams	December 2014	ROLE OF PIKFYVE IN PLATELET LYSOSOMAL HOMEOSTASIS
Mucanj	Vera	CB	Simon	December 2014	PROLIFERATION AND SURVIVAL MECHANISMS IN SOFT TISSUE SARCOMA AND GLIOBLASTOMA TUMORS
Porturas	Thomas	GTV	Chen	December 2014	Roles of TNFAIP8 Protein in Cell Death, Listeriosis, and Colitis
Ramirez	Lorenzo	GTV	Boyer	December 2014	ENHANCING T-CELL RESPONSES TO VACCINATION OF HIV-1 INFECTED SUBJECTS ON ANTIRETROVIRAL THERAPY
Santoro	Stephen	GTV	Coukos	December 2014	T CELLS BEARING A CHIMERIC ANTIGEN RECEPTOR AGAINST THE TUMOR VASCULATURE DESTROY THE TUMOR ENDOTHELIUM AND RESULT IN TUMOR REGRESSION
Schoch	Hannah	DSRB	Abel	December 2014	Molecular-genetic mechanisms of memory formation in mouse models of neurodevelopmental and neuropsychiatric disorders
Siegel	Steven	MVP	Weiser	December 2014	Inflammation Promotes Pneumococcal Colonization of the Respiratory Tract
Tsai	Kevin	MVP	Lieberman	December 2014	Tegument Protein BNRF1 Regulation of Epstein -Barr Virus Genome Chromatinization During Early Infection
Wilson	Meredith	CPM	Holzbaur	December 2014	MICROTUBULE MOTORS DRIVE NUCLEAR DYNAMICS AND POSITIONING IN DEVELOPING SKELETAL MUSCLE CELLS

Yang	Ting-Lin	GTV	Johnson	December 2014	Mutual reinforcement between telomere capping and canonical Wnt pathway activity in the intestinal stem cell niche
Zhang	Xiang Maomao	CB	Lampson	December 2014	REGULATION OF ZYGOTIC TRANSCRIPTION AND CELL CYCLE CHECKPOINTS IN EARLY EMBRYOGENESIS
Zhou	Yao	CB	Ryeom	December 2014	EFFECT OF CYCLOSPORIN A ON THE TUMOR MICROENVIRONMENT
Bukh	Irene	MVP	Betts	August 2014	Consequences of Adenovirus Vector Vaccination on T cell Activation and SIV Susceptibility in Rhesus Macaques
Leskowitz	Rachel	GTV	Ertl	August 2014	EBNA1-SPECIFIC T CELL RESPONSES DURING PERSISTENT RHESUS LCV INFECTION AND THE DEVELOPMENT OF A NOVEL THERAPEUTIC PROTOTYPE VACCINE FOR EBV-ASSOCIATED DISEASES
Nall	Aleksandra	G&E	Seghal	August 2014	Uppers and downers: Understanding sleep regulation using small molecules in <i>Drosophila</i>
Rosenberg	Allison	DSRB	Granato	August 2014	CELLULAR INTERACTIONS DURING MOTOR NERVE REGENERATION
Rupp	Levi	GTV	Bassing	August 2014	The miRNA biogenesis machinery modulates lineage commitment during $\alpha\beta$ T cell development
Shay	Jessica	CB	Simon	August 2014	Hypoxia Inducible Factors in Cancer and Inflammation
Shen	Zhewei	CB	Stanger	August 2014	A STUDY OF HIPPO PATHWAY/YAP BIOLOGY AND ITS FUNCTIONS IN PROLIFERATION CONTROL
Small	Juliana	GTV	Ertl	August 2014	Investigation of the Maintenance of CD8+ T cell Responses Induced by Persistent Adenovirus Vectors
Vega	Maria	CB	Rustgi	August 2014	Identification of molecular mechanisms underlying the development of Barrett's esophagus
Babich	Alexander	CPM	Burkhardt	May 2014	Role of cytoskeletal remodeling in T cell receptor signaling and integrin activation at the immunological synapse
Bryant	Jessica	G&E	Berger	May 2014	CHROMATIN COMPACTION AND GENOME REORGANIZATION DURING SPERMATOGENESIS IN <i>M. musculus</i> AND SPORULATION IN <i>S. cerevisiae</i>
Culbert	Andria	GTV	Shore	May 2014	ROLE OF ALK2 SIGNALING IN CHONDROGENIC COMMITMENT AND HETEROTOPIC ENDOCHONDRAL OSSIFICATION

DeBardeleben	Hilary	MVP	Weiser	May 2014	THE EFFECTS OF TEMPERATE PHAGE ON STREPTOCOCCUS PNEUMONIAE DURING COLONIZATION
Dupont	Christopher	MVP	Hunter	May 2014	Roles of Dendritic Cells in Immunity to Toxoplasma gondii
Geherin	Skye	MVP	Debes	May 2014	Recirculation of Innate Lymphocyte Subsets in the Skin
Platt	Jesse	DSRB	Johnson	May 2014	Rap1 Relocalization Contributes to the Chromatin-Mediated Gene Expression Profile and Pace of Cell Senescence
Reuschel	Emma	GTV	Finkel	May 2014	REDD1 as a Stress Response Gene in Mature T cells
Stern	Andrew	MVP	Zhu	May 2014	Nitric Oxide Sensing and Response in Vibrio cholerae
Thom	Christopher	CB	Weiss	May 2014	The Role of Trim58 in Erythropoiesis
Abrams	Joshua	DSRB	Pack	December 2013	ABNORMAL SMOOTH MUSCLE CONTRACTION ALTERS GUT MOTILITY AND PROPAGATES EPITHELIAL INVASION IN THE LARVAL ZEBRAFISH INTESTINE
Abravanel	Daniel	CB	Chodosh	December 2013	Role of Notch Signaling in Breast Cancer Progression
Campbell	Amy	G&E	Blobel	December 2013	DISSECTING MOLECULAR PATHWAYS THAT UNDERLIE DISEASE CAUSING GATA1 MUTATIONS
Drivas	Theodore	GTV	Bennett	December 2013	Bridging the gap: Defining the molecular mechanisms of CEP290 disease pathogenesis
Eberle Dwyer	Samantha	G&E	Chodosh	December 2013	Determining the Role of Autophagy in HER2/neu-Induced Mammary Tumor Dormancy and Recurrence
Francella	Nicholas	MVP	Collman	December 2013	Restriction of macrophage infection during HIV and SIV infection: The role of antibodies and coreceptor use plasticity in enforcing CD4-dependent entry and shaping tropism in vivo.
Gregory	Brittany	G&E	Cheung	December 2013	NATURAL VARIATION IN THE HISTONE DEMETHYLASE, KDM4C, INFLUENCES CELL PROLIFERATION THROUGH THE REGULATION OF SPECIFIC GENES
Guo	Lili	CPM	Yang	December 2013	A CELLULAR SYSTEM THAT DEGRADES MISFOLDED PROTEINS THROUGH SEQUENTIAL SUMOYLATION AND UBIQUITINATION
Hess	Paul	DSRB	Kahn	December 2013	PLATELETS MEDIATE LYMPHO-VENOUS HEMOSTASIS TO MAINTAIN BLOOD-LYMPHATIC SEPARATION THROUGHOUT LIFE

Kurzweil	Vanessa	MVP	Oliver	December 2013	CD8+ T-cell responses in a Th2-polarized inflammatory setting
Li	Yang	MVP	Hensley	December 2013	The Impact of Receptor Binding Avidity and Immune History on the Antigenic Determination of Influenza A Viruses
MacMillan (Huegel)	Alyssa	MVP	Ross	December 2013	Interactions between APOBEC3 and Murine Retroviruses
Nabel	Christopher	MVP	Kohli	December 2013	NUCLEIC ACID DETERMINANTS OF CYTOSINE DEAMINATION BY AID/APOBEC ENZYMES IN IMMUNITY AND EPIGENETICS
Petersen	Josiah	MVP	Doms	December 2013	Identifying Host Factors Important for Hantavirus Entry
Ranaweera	Ruchira	G&E	Yang	December 2013	Control of The Tumor Suppressor p53 by Regulating Mdm2 Activity And Stability
Rawnsley	David	DSRB	Kahn	December 2013	FUNCTIONS OF ATOH8 AND MEKK3 IN CARDIOVASCULAR DEVELOPMENT
Simonet	Jacqueline	DSRB	Golden	December 2013	ARX INFLUENCES CORTICAL FUNCTION BY REGULATING PROGENITOR CELL PROLIFERATION
Tuyishime	Steven	GTV	Ertl	December 2013	Optimization of Novel Prime-Boost Strategies Based on Chimpanzee-Origin Adenovirus Vaccine Vectors
Weber	Christopher	G&E	Fisher	December 2013	MULTIPLE CONSERVED ENHANCERS OF THE OSTEOLAST MASTER TRANSCRIPTION FACTOR, RUNX2, INTEGRATE DIVERSE SIGNALING PATHWAYS TO DIRECT EXPRESSION TO
Wilcox	Crystal	DSRB	May	December 2013	The Role of Arx in Specification and Maintenance of Pancreatic Islet a-cells
Yanger	Kilangsun gla	CB	Stanger	December 2013	Cellular mechanisms of mammalian liver regeneration
Zajac	Allison	CPM	Holzbaur/ Ostap	December 2013	Local Cytoskeletal and Organell Interactrions IMPact Molecular Motor-Driven Early Endosomal Trafficking
Abramowitz	Lara	G&E	Bartolomei	August 2013	GENOMIC IMPRINTING: ESTABLISHMENT, MAINTENANCE AND STABILITY OF DNA METHYLATION IMPRINTS
Jung	Jason	CB	Chodosh	August 2013	SNF1/AMPK-RELATED KINASE HUNK IS REQUIRED FOR COLORECTAL TUMORIGENESIS AND INHIBITS PML-MEDIATED SUPPRESSION OF AKT FOLLOWING DNA DAMAGE
Morton	Elizabeth	G&E	Lamitina	August 2013	REGULATION AND DYMANIC BEHAVIOR OF THE HEAT SHOCK TRANSCRIPTION FACTOR HSF-1 IN C. ELEGANS

Shelly	Spencer	MVP	Cohen	August 2013	Defining a Regulator Role for the HSV Glycoprotein B Membrane Proximal Region in Membrane Association
Stoltzfus	Jonathan	MVP	Lok	August 2013	Developmental Regulation of Strongyloides stercoralis Infectious Third-stage Larvae by Canonical Dauer Pathways
Tenney	Rebeca	GTV	Wilson	August 2013	IDENTIFICATION AND CHARACTERIZATION OF VIRAL CAPSID REGIONS MEDIATING ADENO-ASSOCIATED VIRUS SEROTYPE 8 LIVER TRANSDUCTION EFFICIENCY
Buchlis	George	GTV	High	May 2013	Advances and Challenges in Human AAV-Mediated Gene Transfer: Immunological Insights from a Mouse Model of Human Glycosylation
Clark	Sarah	MVP	Weiser	May 2013	Evasion of host recognition by phase variation in Haemophilus influenzae
Dell	Alison	DSRB	Raper	May 2013	cAMP promotes retinal midline crossing at the zebrafish optic chiasm
Feng	Dan	CB	Lazar	May 2013	EPIGENOMIC AND TRANSCRIPTIONAL REGULATION OF HEPATIC METABOLISM BY REV-ERB and HDAC3
Fox (Laird)	Jamie	CB	Thomas-Tikhonenko	May 2013	Novel mechanisms of microRNA-mediated regulation of key TGF β effector CTGF in glioblastoma multiforme
Graf	Erin	MVP	O'Doherty	May 2013	CLINICAL MEASURES OF HIV PROVIDE INSIGHT INTO DETERMINANTS OF RESERVOIR SIZE
Johnson	Derek	GTV	Chen	May 2013	The Role of TIPE2 in the Regulation of Inflammation and Tumorigenesis
Lu	Chao	CB	Thompson	May 2013	EPIGENETIC BASIS FOR THE ONCOGENIC POTENTIAL OF IDH MUTATIONS
Miller	Natalie	MVP	Roos	May 2013	TOXOPLASMA GONDII DIVERSITY - FROM SEROPREVALENCE IN MULTIPLE HOST SPECIES TO GENOTYPING ANALYSIS OF FIELD
Millholland	Melanie	MVP	Greenbaum	May 2013	Host-Apicomplexan Parasite Interactions: Leveraging Biological Discovery into Antiparasitic Drug Development
Panchenko	Tatyana	G&E	Black	May 2013	Centromeric Chromatin: Structure, Function and Epigenetic Inheritance
Parrish	Nick	MVP	Hahn	May 2013	Phenotypic Characteristics of Transmitted/Founder HIV-1
Valvezan	Alexander	DSRB	Klein	May 2013	NOVEL ROLES FOR THE TUMOR SUPPRESSOR APC THROUGH REGULATION OF GSK-3

Ward	Patrick	CB	Thompson	May 2013	THE COMMON FEATURE OF CANCER-ASSOCIATED IDH1 AND IDH2 MUTATIONS IS A NEOMORPHIC ENZYME ACTIVITY CONVERTING α -KETOGLUTARATE TO THE ONCOMETABOLITE 2-HYDROXYGLUTARATE
Wu	Te-Lang	GTV	Ertl	May 2013	Adaptive Immune Responses to Adeno-Associated Virus (AAV) Vector-Mediated Gene Transfer
Xu	Jie	MVP	Cherry	May 2013	DISCOVERING NOVEL INTRINSIC ANTIVIRAL RESPONSES TO ARBOVIRUSES: FROM TRANSCRIPTION TO INTESTINAL INNATE IMMUNITY
Avila	Jacqueline	CB	Kissel	December 2012	THE ROLE OF NOTCH1 IN K-RAS INDUCED PANCREATIC DUCTAL ADENOCARCINOMA
Bayne	Lauren	GTV	Vonderheide	December 2012	INFLAMMATORY NETWORKS AND T CELL IMMUNOSURVEILLANCE IN PANCREATIC CANCER
Brisson	Becky	GTV	Barton	December 2012	SYNERGY BETWEEN INSULIN-LIKE GROWTH FACTOR-I (IGF-I) E-PEPTIDES AND IGF-I SIGNALING ALTERS GROWTH IN SKELETAL MUSCLE
Grier	Jennifer	MVP	Orange	December 2012	A role for CD16 in natural killer cell-mediated spontaneous cytotoxicity identified via a human immunodeficiency-causing germline mutation
Kadauke	Stephan	GTV	Blobel	December 2012	TISSUE-SPECIFIC EPIGENETIC BOOKMARKING TO PRESERVE TRANSCRIPTIONAL PROGRAMS THROUGH MITOSIS
Lazarus	Jacob	CPM	Holzbaur	December 2012	CYTOPLASMIC DYNEIN AND DYNACTIN COORDINATE MICROTUBULE DYNAMICS AT THE GROWING PLUS END
Lee	Eric	CB	Diehl	December 2012	FBXO4 OPPOSES CYCLIN D1 ACCUMULATION AND THE TUMORIGENIC POTENTIAL OF BRAFV600E IN MELANOMA
Lin	Grace	DSRB	Chen	December 2012	INTEGRINS AND FORCES IN MESENCHYMAL STEM CELL DIFFERENTIATION
Lysko	Daniel	CPM	Golden	December 2012	Elucidating the role of SDF1 signaling during cortical interneuron migration
Mentlik James	Ashley	CPM	Orange	December 2012	Lytic granule convergence to the microtubule organizing center in natural killer cells
Miller	Mayumi	DSRB	Morrissey	December 2012	WNT2 AND WNT7B COOPERATIVE SIGNALING IN LUNG DEVELOPMENT

O'Donnell	Michael	DSRB	Bashaw	December 2012	SIGNAL TRANSDUCTION MECHANISMS IN COMMISSURAL AXON GUIDANCE: THE ROLE OF INTRACELLULAR TYROSINE KINASES IN NETRINDCC/FRAZZLED AXON ATTRACTION
Pace	Matthew	MVP	O'Doherty	December 2012	HIV Gag expression during latent infection: is the reservoir really invisible?
Strong	Alanna	GTV	Rader	December 2012	SORTILIN AS A NOVEL REGULATOR OF PLASMA CHOLESTEROL, VERY-LOW DENSITY LIPOPROTEIN SECRETION AND LDL CATABOLISM
Thiel	Austin	CB	Hua	December 2012	The Central Role of Menin and Wild-Type MLL in MLL-AF9-Induced Leukemia
Wojcechowskyj	Jason	MVP	Doms	December 2012	HIV-INDUCED CELLULAR REPROGRAMMING: INSIGHTS FROM PHOSPHORPROTEOMICS
Wong	Waihay	CB	Simon	December 2012	Hypoxic regulation of MYC and epidermal barrier development
Wong	Gabrielle	CB	Rustgi	December 2012	PERIOSTIN AND ITS ROLE IN PROMOTING INVASION IN THE TUMOR MICROENVIRONMENT OF ESOPHAGEAL CANCER
Brown	Alexander	DSRB	Epstein	August 2012	THE FUNCTION OF HEDGEHOG AND WNT SIGNALING PATHWAYS IN OTIC DEVELOPMENT
Charlson	Emily	MVP	Bushman/ Collman	August 2012	The Human Respiratory Tract Microbiome in Health and Disease
Majmundar	Amar	DSRB	Simon	August 2012	O2- and HIF1a-dependent regulation of skeletal muscle progenitor differentiation and skeletal muscle regeneration
Minot	Samuel	MVP	Bushman	August 2012	EVOLUTION AND DYNAMICS OF THE HUMAN GUT VIROME
Ocwieja	Karen	MVP	Bushman	August 2012	PATTERNS OF HIV INTEGRATION AND SPLICING: WINDOWS ON MECHANISM
Peterfreund	Greg	MVP	Bushman/ Zhu	August 2012	Bacterial and Microeukaryotic Succession in the Gut Microbiome
Weaver	Jamie	DSRB	Bartolomei	August 2012	Interrelated Roles of Repressive Chromatin Modifiers in Genomic Imprinting
Abdus-Saboor	Ishmail John	G&E	Sundaram	May 2012	THE EGF-RAS-ERK PATHWAY AND THE NKX-5/HMX HOMEODOMAIN PROTEIN MLS-2 PROMOTE TUBE DEVELOPMENT IN THE C.ELEGANS EXCRETORY SYSTEM
Ciocca	Maria	CB	Reiner	May 2012	Asymmetric T Cell Division and the Self-renewal of Specific Immunity

Dawicki McKenna	Jennine	CPM	Ostap	May 2012	Investigating the role of microtubules in GLUT4 vesicle trafficking and the kinetics of membrane attachment by the myosin myo1c
Edwards	Christopher	G&E	Berger	May 2012	LYSINE POST-TRANSLATIONAL MODIFICATIONS OF SACCHAROMYCES CEREVISIAE CHROMATIN PROTEINS
Fleetwood	Margaret	DSRB	Liebhaber	May 2012	The Role of the Pituitary-Specific Element DNASE I!36persensitive Site II in the Human Growth Hormone Locus Control Region
Khandros	Eugene	GTV	Weiss	May 2012	Protein Quality Control in Hemoglobin Synthesis and Beta-thalassemia
LeBoeuf	Matthew	DSRB	Millar	May 2012	The roles of Histone Deacetylases 1 and 2 in epidermal development and adult tissue maintenance
Lijek	Rebecca	MVP	Weiser	May 2012	HOST-MEDIATED INTERACTIONS BETWEEN BACTERIAL PATHOGENS OF THE UPPER RESPIRATORY TRACT
Luo	Wenyu	CB	Sehgal	May 2012	Regulation of Drosophila Rest:Activity Rhythms by a MicroRNA and Aging
Ortiz	Alexandra	MVP	Silvestri	May 2012	CONTRIBUTIONS OF CD4+ T-CELLS TO PATHOGENIC AND NON-PATHOGENIC SIV DISEASE PROGRESSION
Riddick	Nadeene	MVP	Collman	May 2012	A NOVEL CCR5 MUTATION IN SOOTY MANGABEYS REVEALS SIV SMM INFECTION OF CCR5-NULL NATURAL HOSTS: EXAMINING THE POTENTIAL ROLES OF ALTERNATIVE ENTRY PATHWAYS IN HIV AND SIV INFECTION
Siebert	Adam	CPM	Foskett	May 2012	Convergent structural and functional evolution of CALHM ion channel with connexins and pannexins-innexins
Singh	Nikhil	DSRB	Epstein	May 2012	HDAC3 IS A CRITICAL REGULATOR OF NEURAL CREST PROGENITOR CELL BIOLOGY
Teta	Monica	CPM	Millar	May 2012	Inducible deletion of Dicer or Drosha reveals multiple functions for miRNAs in postnatal epidermis and hair follicles
Bell	Christie	GTV	Wilson	December 2011	Virus-cell Interactions Necessary for Adeno-Associated Virus Vector-mediated Gene Delivery to the Conducting Airway Epithelium
Hill	David	MVP	Artis	December 2011	Microbial Regulation of Allergic Inflammation
Mancuso	Vincent	G&E	Sundaram	December 2011	Extracellular Leucine-Rich Repeat Protein LET-4 is Required to Organize the Extracellular Matrix and Maintain Junctions in C. Elegans Epithelia

Okegbe	Tishina	G&E	DiNardo	December 2011	A Notch above bowl: Specification of niche cells in the <i>Drosophila</i> testis
Rak	Gregory	CPM	Orange	December 2011	Distribution of actin and access of lytic granules at the natural killer cell immunological synapse
Saenz	Steven	MVP	Artis	December 2011	The Functional Biology of IL-25
Whitmarsh	Ryan	MVP	Hunter	December 2011	Innate signals in the macrophage determine the severity of <i>Toxoplasma gondii</i> infection
Wilen	Craig	MVP	Doms	December 2011	HIV transmission, entry, and gene therapy
Wolkow	Natalie	CPM	Dunaief	December 2011	Retinal Iron Homeostasis: The Cellular Roles of Ceruloplasmin and Hephaestin
Zong	Yiwei	CB	Stanger	December 2011	The Role of Notch Signaling in Bile Duct Development and Disease
Cohen	Matthew	MVP	Isaacs	August 2011	MECHANISMS OF ANTIBODY-MEDIATED PROTECTION FOR A PROTEIN-BASED SMALLPOX VACCINE
Coleman	Kara	CB	Greenberg	August 2011	Uncovering the role of the BRCA1-RAP80 complex in cancer susceptibility and DNA repair
DeHaven	Brian	MVP	Isaacs	August 2011	The vaccinia virus A56/VCP complex: mechanism and implications for virulence
Dondeti	Vijay	CB	Simon	August 2011	Sporadic clear cell Renal Cell Cancer and the HIFs
Edmondson	Andrew	GTV	Rader	August 2011	THE GENETICS OF HIGH DENSITY LIPOPROTEIN CHOLESTEROL METABOLISM
Gregg	Beth	MVP	Roos	August 2011	TOXOPLASMA GONDII--ANTIGEN PRESENTATION AND INTERACTIONS IN THE INTESTINAL MUCOSA
Hancks	Dustin	G&E	Kazazian	August 2011	HOMINID-SPECIFIC SVA ELEMENTS: GENOMIC IMPACT AND INSIGHTS INTO L1-MEDIATED RETROTRANSPOSITION
Heyward	Christa	CB	Ricciardi	August 2011	Tumorigenic Adenovirus 12 cells evade NK lysis by reducing the expression of NKG2D ligands
Moser	Theresa	MVP	Cherry	August 2011	THE ROLE OF AMPK IN VIRAL INFECTION
Pontano Vaites	Laura	CB	Diehl	August 2011	Mechanism of Cyclin D1-Dependent Genomic Instability and Neoplastic Transformation
Schoppy	David	CB	Brown	August 2011	Characterization and use of the interaction between ATR suppression and p53 deficiency
Shah	Rishita	DSRB	Klein	August 2011	VALPROIC ACID DISRUPTS PRIMITIVE HEMATOPOIESIS IN <i>XENOPUS LAEVIS</i> THROUGH THE INHIBITION OF HISTONE DEACETYLASE 3

Sitaram	Anand	CPM	Marks	August 2011	MECHANISMS OF SORTING AND TRAFFICKING FOR MELANOSOME BIOGENESIS AS REVEALED BY STUDIES OF THE HUMAN PIGMENT CELL PROTEIN OCA2
Smith	Kevin	CB	Brown	August 2011	Uncovering novel and unexpected mechanisms for maintaining genome stability during DNA replication
Cristancho	Ana	CB	Lazar	May 2011	Coordination of Cell-Cell Contact, Cell Structure, and Transcriptional Regulation to Promote Adipogenesis
Dalia	Ankur	MVP	Weiser	May 2011	Characterization of bacterial factors that promote resistance to complement-mediated opsonophagocytic killing and lysis
Davis	Kimberly	MVP	Weiser	May 2011	Peptidoglycan and the Host Response to Pneumococcal Colonization
Lamonica	Janine	G&E	Blobel	May 2011	The Role of GATA1 Acetylation during Erythroid Development
Lewis	John	CPM	Goldman	May 2011	EXAMINING THE COUPLING OF THE MECHANICAL AND CHEMICAL FUNCTIONS OF MYOSIN FAMILY MEMBERS USING SINGLE MOLECULE AND BULK SOLUTION TECHNIQUES
Li	Hojun	GTV	High	May 2011	ADENO ASSOCIATED VIRUS VECTORS IN GENE THERAPY FOR HEMOPHILIA B: RANDOM VERSUS TARGETED GENOMIC INTEGRATION
Lippa	Andrew	MVP	Goulian	May 2011	MGRB AND PERIPLASMIC REDOX BALANCE CONTRIBUTE TO NEGATIVE FEEDBACK IN THE PHOQ/PHOP TWO-COMPONENT SYSTEM OF ESCHERICHIA COLI
Mellert	Hestia	CB	McMahon	May 2011	Regulating p53-mediated apoptosis by modulating DNA-binding domain acetylation
Olsen	Abby	CB	Wells	May 2011	The fibronectin EIIIA splice variant promotes hepatic stellate cell motility and liver fibrosis via alpha 9 beta 1 integrin
Patel	Shetal	CB	Simon	May 2011	FUNCTIONAL ANALYSIS OF THE CDK7/CYCLIN H/MAT1 COMPLEX IN MOUSE EMBRYONIC STEM CELLS AND EMBRYOS
Patterson-Fortin	Jeffrey	CB	Greenberg	May 2011	Ubiquitin targeting and editing in cellular responses
Reid	Christine	DSRB	Kessler	May 2011	Transcriptional Integration of Wnt and Nodal Signals in the Establishment of the Spemann Organizer
Sabin	Leah	MVP	Cherry	May 2011	The Role of RNA Silencing in Drosophila Antiviral Immunity

Smith	Jasmine	CB	Johnson	May 2011	Evidence for G-quadruplex-based telomere capping and the presence of G-quadruplex DNA genome-wide
Taaffe	Jessica	MVP	Silvestri	May 2011	Comparative Studies of Progressive and Non-Progressive AIDS Virus Infections in Human and Non-Human Primates
Tait Wojno	Elia	MVP	Hunter	May 2011	IMMUNITY TO TOXOPLASMA GONDII AND THE ROLE OF INTERLEUKIN-27 AND ITS SUBUNITS IN THE REGULATION OF INFLAMMATION
Watt	Brenda	CPM	Marks	May 2011	Dissecting the PMEL amyloid: an example of functional vs. pathological amyloid
Winter	Cara	DSRB	Wagner	May 2011	Genome-wide analysis of LEAFY target genes reveals insights into reproductive development in Arabidopsis thaliana
Anderson	Bart	GTV	Weissman	December 2010	Nucleoside Modifications Suppress RNA Activation of Cytoplasmic RNA Sensors
Beerman	Rebecca	G&E	Jongens	December 2010	Characterizing the Regulation and Activity of the Drosophila Fragile X Mental Retardation Gene, dfmr1
Bhogal	Balpreet	G&E	Jongens	December 2010	Modulation of Adar-Dependent RNA Editing by the Drosophila Fragile X Mental Retardation Protein
Cowley	Timothy	GTV	Weiss	December 2010	Genetic Determinants of Virulence for the A59 and JHM strains of Mouse Hepatitis Virus
Druck Shudofsky	Abigail	MVP	Ricciardi	December 2010	The Role of D4 in Vaccinia Virus Processive DNA Synthesis
Fortin (McWilliams)	Kristine	G&E	Mourelatos	December 2010	Protein Partners and Post-translational Modifications: Towards Understanding the Regulation of Argonaute Proteins
Goncalves	Marcus	CPM	Ahima	December 2010	The role of the activin receptor type IIB (ActRIIB) in glucose and energy homeostasis.
Gopinathan	Aarthi	CB	Tuveson	December 2010	UTILIZING GENETICALLY ENGINEERED MOUSE MODELS OF PANCREATIC CANCER: EVALUATING THE ROLE OF CATHEPSIN B AND THE EFFICACY OF FARNESYL THIOSALICYLIC ACID
Goss	Ashley	DSRB	Morrissey	December 2010	WNT2 Signaling in Lung Development
Hersperger	Adam	MVP	Betts	December 2010	Insights into the cytotoxic potential of human CD8+ T cells: Implications for virologic control of HIV
Hu	Haitao	MVP	Weissman	December 2010	HIV IMMUNOPATHOGENESIS: INHIBITION OF CD4+ T CELL ACTIVATION

King	Catrina	CB	Rustgi	December 2010	LIN28B, let-7, and the molecular pathogenesis of colon cancer
Mays	Lauren	GTV	Wilson	December 2010	The Impact of Capsid Structure on the Immune Response to Adeno-Associated Viral Vectors
Nayak	Renuka	CB	Cheung	December 2010	COEXPRESSION NETWORKS BASED ON NATURAL VARIATION IN HUMAN GENE EXPRESSION AT BASELINE AND UNDER STRESS
Padmanabhan	Arun	DSRB	Epstein	December 2010	MODELING TYPE I NEUROFIBROMATOSIS IN THE ZEBRAFISH <i>Danio rerio</i>
Pringle	LaShon	CPM	Chou	December 2010	Molecular functions of the TRE17/Ubiquitin-Specific Protease 6 (USP6) oncogene: A novel activator of NF-kappa B
Rennekamp	Andrew J.	MVP	Lieberman	December 2010	INITIATION OF DNA REPLICATION AT THE EPSTEIN-BARR VIRUS ORIGIN OF LYTIC REPLICATION
Shanbhag	Niraj	CPM	Greenberg	December 2010	Chromatin modifications silence transcription in cis to DNA double-strand breaks
Simone	Robert	DSRB	DiNardo	December 2010	Epithelial Morphogenesis and Cell Polarity in the <i>Drosophila</i> Embryo and Larvae
Skirkanich	Jennifer	DSRB	Klein	December 2010	The Role of preMBT Transcription in <i>Xenopus</i> Development
Agrawal-Gamse	Caroline	MVP	Doms	August 2010	Immunogen Design for the Elicitation of Broadly Neutralizing Anti-HIV Antibodies: Targeting Protein and Glycan Epitopes
Bauer	Robert	G&E	Spinner	August 2010	Jagged1 Missense Mutations in Disorders of the Liver and Heart
Buchkovich	Nicholas	CB	Alwine	August 2010	The role of the unfolded protein response regulator BiP in HCMV virion assembly and egress.
Burke	Beth	CB	Carroll	August 2010	EFFECTS OF THE BCR-ABL ONCOGENE ON DNA DAMAGE AND REPAIR
Cash	Timothy	CB	Simon	August 2010	Molecular mechanisms of the Birt-Hogg-Dubé tumor suppressor
Chavez	Alejandro	CB	Johnson	August 2010	Novel Roles for the SMC5/6 Complex and the DNA Helicase MPH1 in Template Switch Recombination
Foo	Chwan Hong	MVP	Cohen/ Eisenberg	August 2010	Functional Analysis of the Vaccinia Virus Entry Protein L1
Francica	Joseph	MVP	Bates	August 2010	A study of the Ebola virus glycoprotein: Disruption of host surface protein function and evasion of immune responses

Leslie	George	MVP	Hoxie	August 2010	HIV-1 Entry and the CCR5 Amino Terminus
Loftin	Lamorris	MVP	Collman	August 2010	REGULATION OF CCR5 USE ON PRIMARY CD4+ LYMPHOCYTES BY R5X4 HIV-1
Pan	Xuan	CB	Atchison	August 2010	YY1 FUNCTIONS IN B LYMPHOCYTE DEVELOPMENT
Tsou	Amy	MVP	Zhu	August 2010	Novel targets and a cofactor for the Vibrio cholerae quorum sensing transcriptional regulator, HapR
Vishnu	Melanie	G&E	Liebhaber	August 2010	The RNA-binding protein alphaCP2 is a novel trans factor involved in mediating cytoplasmic polyadenylation
Wise	David	CB	Thompson	August 2010	Exploring the Role and Regulation of Mitochondrial Glutamine Metabolism in Cancer
Agosto	Luis	MVP	O'Doherty	May 2010	HIV can Establish Latency by Direct Infection of Resting CD4+ T Cells
Bender	Susan	MVP	Weiss	May 2010	Receptor Utilization and Antiviral CD8 T Cell Responses During Central Nervous System Infection with a Murine Coronavirus
Bertozzi	Cara	CB	Kahn	May 2010	PLATELETS MEDIATE SEPARATION OF BLOOD AND LYMPHATIC VESSELS
Caviston	Juliane	CPM	Holzbaur	May 2010	Huntingtin is a coordinator of intracellular vesicle transport
Denicola	Gina	CB	Tuveson	May 2010	K-Ras Oncogene-induced ROS Detoxification Promotes Tumorigenesis
Dilks	Stacie	G&E	DiNardo	May 2010	Control of Denticle Diversity in the Drosophila Embryo
Girgis	Natasha	MVP	Isaacs	May 2010	A ROLE FOR THE VACCINIA VIRUS COMPLEMENT CONTROL PROTEIN IN MODULATION OF INNATE AND ADAPTIVE IMMUNITY DURING INFECTION
Harrison	Jessamina	MVP	Doms	May 2010	Baseline Resistance of Primary HIV-1 Strains to the CXCR4 Antagonist AMD3100: Consequences for Primary Cell Targeting
Hirao	Lauren	GTV	Weiner	May 2010	Enhancement of immune responses to DNA vaccines
Howell	Kelly	G&E	Sundaram	May 2010	EOR-2 is an Obligate Binding Partner of the BTB-Zinc Finger Protein and Putative ERK Target EOR-1
Hutnick	Natalie	GTV	Betts	May 2010	ADENOVIRUS SPECIFIC T-CELL RESPONSES IN HUMANS FOLLOWING NATURAL INFECTION AND VACCINATION
Kozak	Marina	CB	Johnson	May 2010	The Interplay of Telomere Chromatin Dynamics and Senescence
Leavens	Karla	CPM	Birnbaum	May 2010	The Role of Akt2 in Hepatic Lipid Metabolism

Ronen	Keshet	MVP	Bushman	May 2010	Lentiviral Integration Site Targeting: Host Determinants and Consequences
Stiles	Katie	MVP	Cohen	May 2010	Herpes simplex virus glycoprotein D induced receptor internalization: implications for virus entry and immune modulation
Varghese	Bentley	CB	Fuchs	May 2010	Mechanisms of the downregulation of prolactin receptor and their role in cell proliferation
Warzecha	Claude	G&E	Carstens	May 2010	The Novel Splicing Factors ESRP1 and 2 Orchestrate an Epithelial Cell Type-Specific Alternative Splicing Network
Ye	Jiangbin	CB	Koumenis	May 2010	THE ROLE OF THE TRANSCRIPTION FACTOR ATF4 IN TUMOR PROGRESSION UNDER NUTRIENT DEPRIVATION AND HYPOXIA
Yin	Bu	CB	Bassing	May 2010	Functions of DNA Damage Response Factors in Lymphocyte Development and Transformation
Blythe	Shelby	DSRB	Klein	December 2009	Transcriptional Poising Prior to the Midblastula Transition Underlies Dorsal Cell Fate Specification by the Wnt/ β -catenin Pathway
Buas	Matthew	G&E	Kadesch	December 2009	Mechanisms of Notch-Mediated Inhibition of Skeletal Myogenesis
Chang	Lisa	DSRB	Kessler	December 2009	Transcriptional and Translational Control of Zebrafish Mesodermal Development
Claiborn	Kathryn	G&E	Stoffers	December 2009	The Role of a Ubiquitin Ligase Adaptor Protein in Glucose Homeostasis and Beta Cell Mass
Del Prete	Gregory	MVP	Hoxie	December 2009	Gaining CXCR4 Utilization: Mechanisms and Consequences
DiSpirito	Joanna	MVP	Shen	December 2009	Unique Transcriptional and Chromatin Profiles of Memory CD8+ T Cells
Javvadi	Prashanthi	CB	Koumenis	December 2009	Investigation of the mechanisms involved in radiosensitization of squamous carcinoma cells by the chemopreventive agent curcumin
Lu	Boxun	CPM	Ren	December 2009	ROLES OF THE ION CHANNEL NALCN IN NEURONAL EXCITABILITY CONTROL
Patel	Kunal	MVP	Bergelson	December 2009	COXSACKIEVIRUS B3 ENTRY INTO NON-POLARIZED HELA CELLS
Sachdeva	Uma	G&E	Thompson	December 2009	The circadian clock as a sensor of cell metabolic state: Interactions between nutrients, growth factors, and the mammalian clock machinery

Watts	Jason	G&E	Zaret	December 2009	FoxA Pioneer Factor: Genetic Competence and Epigenetic Restriction
Carnegie	Jason	G&E	Wolf	August 2009	CHARACTERIZATION OF THE EXPRESSION, LOCALIZATION, REGULATION AND ROLE OF PANCREATIC DERIVED FACTOR (PANDER, FAM3B) IN PANCREATIC ALPHA CELLS
Castelletto	Michelle	MVP	Lok	August 2009	Role of the Forkhead Transcription Factor, FKTF-1, in the Development of <i>Strongyloides stercoralis</i>
Kaletsky	Rachel	MVP	Bates	August 2009	Host cell factors involved in Ebola virus entry and spread
King	Ryan	MVP	Friedman	August 2009	GALECTIN-3, GLYCOPROTEIN C, AND THE INNATE IMMUNE RESPONSE TO HERPES SIMPLEX VIRUS TYPE 1
Kraynyak	Kimberly	GTV	Weiner	August 2009	Modulation of the Immune Response at Systemic and Mucosal Sites by DNA Vaccine Adjuvants in HIV and Influenza Models
McGraw (Lazear)	Helen	MVP	Friedman	August 2009	THE ROLES OF GLYCOPROTEIN E, GLYCOPROTEIN I, AND US9 IN NEURONAL SPREAD OF HERPES SIMPLEX VIRUS TYPE 1
Norseen	Julie	G&E	Lieberman	August 2009	RNA-DEPENDENT RECRUITMENT OF ORC TO THE EPSTEIN-BARR VIRUS ORIGIN OF REPLICATION
Panigrahi	Anil	GTV	Luning Prak	August 2009	RS Rearrangement: Observations and Implications from a Novel Assay of B Cell Tolerance
Varela	Gladys	CPM	Ahima	August 2009	Regulation of hepatic triglyceride metabolism by Adipose Differentiation-Related Protein
Wharry	Catherine	CB	May	August 2009	Constitutive Non-Canonical NF-kappaB Signaling in Pancreatic Cancer Cells
Baker	Rebecca	CPM	Koretzky	May 2009	Regulation of T Cell Receptor and Integrin Function by the Adaptor Protein SH2-Containing Leukocyte Phosphoprotein of 76 kDa (SLP-76)
Bertout	Jessica	CPM	Simon	May 2009	Hypoxia Inducible Factors Regulate the p53 and Notch Pathways to Promote Cancer
Chanoux	Rebecca	CB	Brown	May 2009	ATR AND H2AX COOPERATE IN MAINTAINING GENOME STABILITY UNDER REPLICATION STRESS
Filone	Claire Marie	MVP	Doms	May 2009	Rift Valley Fever Virus: Entry Mechanisms Revealed
Hansen Schreiter	Jennifer	CPM	Bi	May 2009	Role of the F-BAR protein Hof1 in the regulation of chitin synthesis and cytokinesis in yeast
Lazear	Eric	MVP	Eisenberg	May 2009	Defining the Mechanism by which Glycoprotein D Triggers HSV Fusion and Entry

Liu	Jingxuan	CB	Burd	May 2009	Membrane protein sorting and trafficking in budding yeast Saccharomyces cerevisiae endocytic system
Savic	Velibor	G&E	Bassing	May 2009	Regulation of H2AX Phosphorylation Density Around A Defined Double Stranded DNA Break In Chromatin
Urtishak	Karen	CB	Brown	May 2009	Cooperative relationships between Brca2, Timeless, and other genome maintenance regulators for ensuring genomic integrity during DNA replication
Yunk	Lenka	G&E	Luning Prak	May 2009	PATHWAYS AND CONSEQUENCES OF ANTIBODY HEAVY CHAIN REARRANGEMENT IN B CELLS WITH A SITE-DIRECTED HEAVY CHAIN TRANSGENE
Zhang	Ying	DSRB	Epstein	May 2009	Function and Signaling of plexinD1 in the Endothelial Cells