

CAMB PhD Graduates 2008 - Present

| Last Name | First Name | Program | Mentor(s) | PhD Awarded | Dissertation Title |
|---------------|--------------|---------|---------------------------|---------------|--|
| 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-Sciotto | 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 | Morrissey | 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 |

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| 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 |

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| 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/hnRNPK/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. |

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| 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 <i>Drosophila</i> 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. |

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| 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 NNC1-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 |

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| 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 |

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| 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 |

CAMB PhD Graduates 2008 - Present

| Last Name | First Name | Program | Mentor(s) | PhD Awarded | Dissertation Title |
|-------------|----------------|---------|-------------|---------------|---|
| 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 5 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 | FR α -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 |

CAMB PhD Graduates 2008 - Present

| Last Name | First Name | Program | Mentor(s) | PhD Awarded | Dissertation Title |
|-------------|------------|---------|-----------------|---------------|--|
| 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 INOT 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 |

CAMB PhD Graduates 2008 - Present

| Last Name | First Name | Program | Mentor(s) | PhD Awarded | Dissertation Title |
|------------------|--------------|---------|-----------|---------------|---|
| 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 NATURAL HOST SIV INFECTION |
| 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 | Morrisey | December 2014 | Epithelial Cell Shape Changes During Lung Branching Morphogenesis: The Role Of Wnt/Fzd2 Signaling In Directing New Branch Formation |
| 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 |
| Mucaj | 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 Chomatinization 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 |

CAMB PhD Graduates 2008 - Present

| Last Name | First Name | Program | Mentor(s) | PhD Awarded | Dissertation Title |
|--------------------|-------------|---------|-----------|---------------|--|
| 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 <i>Toxoplasma gondii</i> |
| 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 <i>Vibrio cholerae</i> |
| 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-VEIN 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 MEK3 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 OSTEOBLAST MASTER TRANSCRIPTION FACTOR, RUNX2, INTEGRATE DIVERSE SIGNALING PATHWAYS TO DIRECT EXPRESSION TO DEVELOPING BONE |
| Wilcox | Crystal | DSRB | May | December 2013 | The Role of Arx in Specification and Maintenance of Pancreatic Islet α -cells |

CAMB PhD Graduates 2008 - Present

| Last Name | First Name | Program | Mentor(s) | PhD Awarded | Dissertation Title |
|-------------|---------------|---------|-------------------|---------------|---|
| 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 Regulatroy 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 ISOLATES |
| 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 |

CAMB PhD Graduates 2008 - Present

| Last Name | First Name | Program | Mentor(s) | PhD Awarded | Dissertation Title |
|-----------------|--------------|---------|---------------------|---------------|---|
| 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 | Rebeccah | 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 |

CAMB PhD Graduates 2008 - Present

| Last Name | First Name | Program | Mentor(s) | PhD Awarded | Dissertation Title |
|----------------|------------|---------|-----------|---------------|--|
| 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 <i>C. Elegans</i> 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 |

CAMB PhD Graduates 2008 - Present

| Last Name | First Name | Program | Mentor(s) | PhD Awarded | Dissertation Title |
|---------------------|------------|---------|------------|---------------|--|
| 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 Danio rerio |
| 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 |

CAMB PhD Graduates 2008 - Present

| Last Name | First Name | Program | Mentor(s) | PhD Awarded | Dissertation Title |
|---------------|------------|---------|---------------------|---------------|---|
| 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 Drosophila Embryo and Larvae |
| Skirkanich | Jennifer | DSRB | Klein | December 2010 | The Role of preMBT Transcription in Xenopus 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 |

CAMB PhD Graduates 2008 - Present

| Last Name | First Name | Program | Mentor(s) | PhD Awarded | Dissertation Title |
|------------------|--------------|---------|-------------|---------------|--|
| 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 Strongyloides stercoralis |
| 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 <i>Saccharomyces cerevisiae</i> endocytic system |
| Savic | Velibor | G&E | Bassing | May 2009 | Regulation of H2AX Phosphorylation Density Around A Defined Double Stranded DNA Break In Chromatin |

CAMB PhD Graduates 2008 - Present

| Last Name | First Name | Program | Mentor(s) | PhD Awarded | Dissertation Title |
|----------------|--------------|---------|---------------------|---------------|--|
| 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 |
| Bish | Lawrence | GTV | Sweeney | December 2008 | MYOSTATIN REGULATION AND FUNCTION IN THE HEART |
| Choi | Sarah | CPM | Birnbaum | December 2008 | INSULIN REGULATES ADIPOCYTE LIPOLYSIS VIA A COMPARTMENTALIZED AKT-INDEPENDENT SIGNALING PATHWAY |
| Culyba | Matthew | MVP | Bushman | December 2008 | CATALYSIS BY THE POXVIRUS HOLLIDAY JUNCTION RESOLVING ENZYME |
| Ditsworth | Dara | CB | Thompson | December 2008 | DNA Damage Response Pathways in Cancer Chemotherapy: Investigating Roles of PARP and PP2A |
| Golson | Maria | G&E | Kaestner | December 2008 | Jagged1 in Pancreatic Endocrine and Duct Development |
| Gruber | Joshua James | CB | Thompson | December 2008 | Ars2 links the RNA interference pathway to cellular proliferation |
| Hilton Shaffer | Meredith | CPM | Burkhardt | December 2008 | Ezrin and Moesin Are Required for T Cell Function |
| Hsiao | Ansel | MVP | Zhu | December 2008 | Regulation of anti-virulence factors during Vibrio cholerae infection |
| Kleaveland | Benjamin | GTV | Kahn | December 2008 | Regulation of Cardiovascular Organ Formation and Integrity by the Heart of Glass Receptor-Cerebral Cavernous Malformation Pathway |
| Lee | Robert | CPM | Foskett | December 2008 | Molecular mechanisms of calcium-evoked chloride and bicarbonate secretion from murine airway submucosal gland serous acinar cells. |
| Lefterova | Martina | CPM | Lazar | December 2008 | Genome-Wide Orchestration of Adipocyte Biology by PPAR γ and C/EBP β |
| Sachdeva | Mira | G&E | Stoffers | December 2008 | Novel Contributions of PDX-1 to Pancreatic β -cell Adaptation to Insulin Resistance |
| Stone | Craig | CPM | Sundaram | December 2008 | Identification of Genes Affecting Unicellular Tube Development in C.elegans |
| Wan | Le-Ben | G&E | Bartolomei | December 2008 | Maternal Depletion of CTCF Reveals Multiple Functions In Transcription and Development |
| Yu | Xiang | MVP | Weiss | December 2008 | Functional Characterization of Alpha Hemoglobin Stabilizing Protein in Hemoglobin Synthesis |
| Blackburn | Shawn | MVP | Wherry | August 2008 | Raising Lazarus: Exhaustion, Death and Resurrection of CD8+ T cell Responses during Chronic Viral Infection |
| Hamanaka | Robert | CB | Diehl | August 2008 | PERK-regulated protein translation mediates cell cycle arrest and survival during the unfolded protein response |
| Hannah | Brian | MVP | Cohen/ Eisenberg | August 2008 | HSV Glycoprotein B Fusion Loop Architecture and Mechanisms of Fusion Inhibition by Fusion Loop Mutants |
| Hudson | Brian J. | MVP | Chen | August 2008 | Loss of PDCD4 Results in Insulin Resistance Through ER Stress |
| Little | Shawn C. | DSRB | Mullins | August 2008 | The emergence of embryonic dorsal-ventral pattern through the interactions of BMP ligands with their receptors and modulators |
| Ludwinski | Maciej | GTV | Chen | August 2008 | Role of BIM in Type I Diabetes |
| Marshall Rose | Heather | G&E | Bushman | August 2008 | VIRAL AND CELLULAR DETERMINANTS OF RETROVIRAL INTEGRATION TARGETING |
| Nolan | Katrina | MVP | Hoxie | August 2008 | The Role of the HIV-1 V3 Loop in Determining Coreceptor Tropism and Modulating Sensitivity to Coreceptor Inhibitors |
| Pakpour | Nazy | MVP | Scott | August 2008 | The Role of Central Memory CD4+ T Cells in Leishmania major Infection |
| Roth-Cross | Jessica | MVP | Weiss | August 2008 | INTERACTIONS OF THE MURINE CORONAVIRUS MOUSE HEPATITIS VIRUS (MHV) WITH THE TYPE I IFN RESPONSE |
| Shineman | Diana w. | CPM | Lee | August 2008 | Signaling Pathways REgulating Amyloid Precursor Protein and ABeta Generation: Roles for Isoprostane-induced Thromboxane REceptor Signaling and Chronic AKT Activation in Alzheimer's Disease |