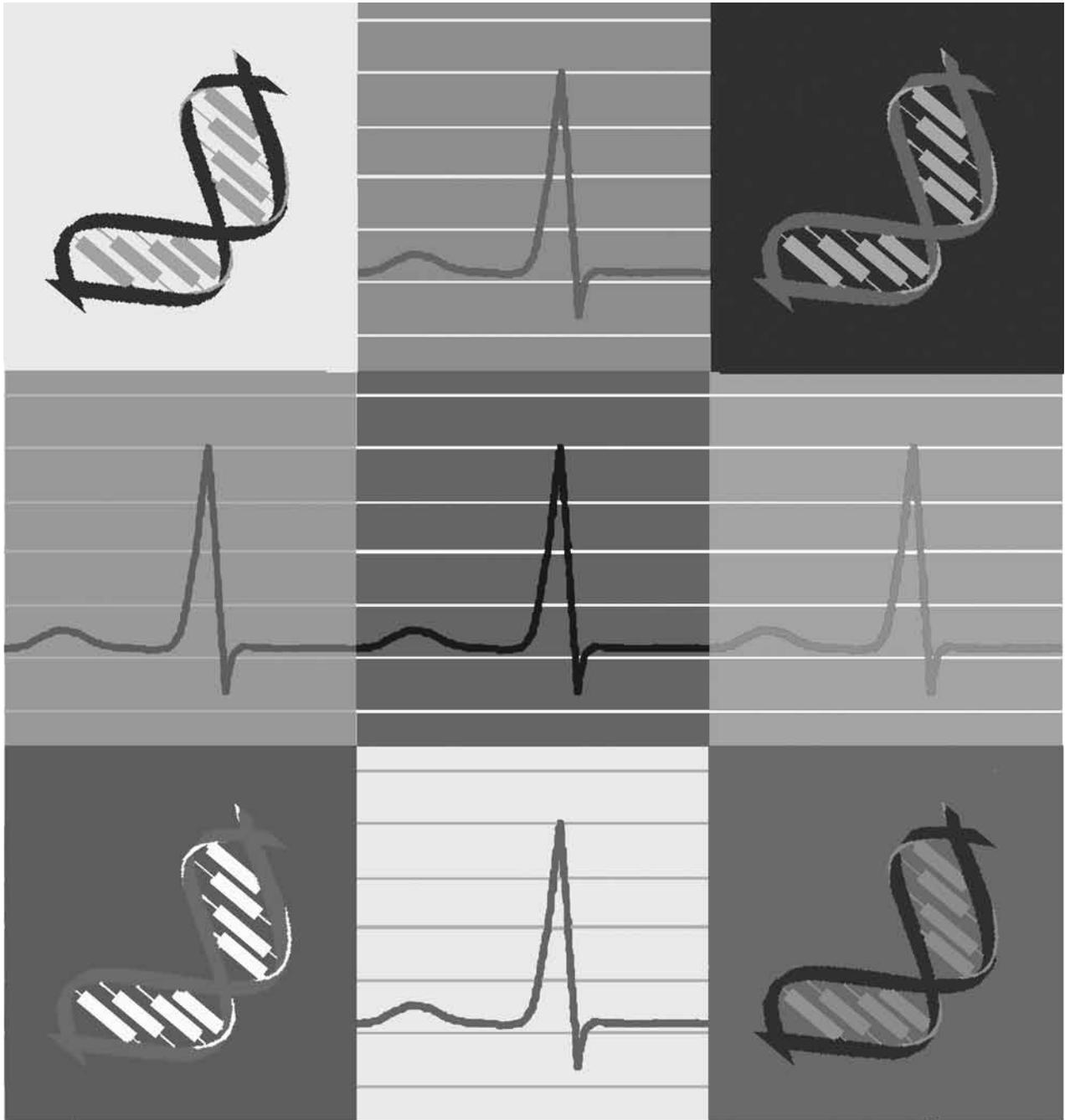


Modern Approaches To Science

NIA Postbacc Research Festival 2011



National Institutes of Health

Postbaccalaureate Poster Presentations

May 18, 2011

11:00 am to 2:00 pm

2011
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and the even-numbered posters from 12:00 to 2:00 p.m.

**Center for Biologics Evaluation and Research,
FDA (CBER-OBRR-DH)**

1. Nathan C Edwards

Characterization of coding synonymous and non-synonymous polymorphisms in ADAMTS13 using ex vivo and in silico approaches
Middlebury College
Dr. Chava Kimchi-Sarfaty, Preceptor
Laboratory of Hemostasis

2. Sandy C Tseng

A "Non-silent" Synonymous Mutation: Val107Val in Factor IX Possible Cause of Hemophilia B
Scripps College
Dr. Chava Kimchi-Sarfaty, Preceptor
Laboratory of Hemostasis

3. Samuel Woodle

Optimization of a Thrombin Generation Test for the Analysis of Factor XIa Contamination in Immunoglobulins
Vassar College
Dr. Mikhail Ovanesov, Preceptor
Laboratory of Hemostasis

**Center for Biologics Evaluation and Research,
FDA (CBER-OVRR DBPAP)**

4. Lisa Adamiak

NMR Challenge: Identifying the 3D Structures of Citrobacter gillenii Oligosaccharide Antigens
University of California, Santa Cruz
Dr. Daron I. Freedberg, Preceptor
Laboratory of Bacterial Polysaccharides

**Center for Biologics Evaluation and Research,
FDA (CBER-OVRR DVP)**

5. Thembi Mdluli

Respiratory syncytial virus reference immunoglobulin for use in quantitative virus neutralization assays
Johns Hopkins University
Dr. Judy Beeler, Preceptor
Laboratory of Pediatric Respiratory Viral Diseases

**Eunice Kennedy Shriver National Institute of
Child Health and Human Development (NICHD)**

6. Nydea A Aviles

Type V Collagen Pathology in Pheochromocytomas
University of Puerto Rico, San Juan
Dr. Sergey Leikin, Preceptor
Section on Physical Biochemistry

7. Alexander J Blood

Regulation of Mammalian Forebrain Development by the LIM-domain-binding protein Ldb1
Johns Hopkins University
Dr. Yangu Zhao,
Dr. Heinrich Westphal, Preceptors
Laboratory of Mammalian Genes and Development

8. Dana A Breakstone

Infants' attention to weight correspondence in object exploration
Colby College
Dr. Clay Mash,
Dr. Marc Bornstein, Preceptors
Laboratory of Comparative Ethology

9. Laura J Caccavale

The Effect of Parent Communication on Weight Control Behaviors in Overweight Adolescents
Wake Forest University
Dr. Denise Haynie, Preceptor
Division of Epidemiology, Statistics and Prevention Research

10. Omni L Cassidy

Pediatric Loss of Control Eating in the Laboratory: Energy Intake During Normal and Binge Meals in African American and Caucasian Children
Washington University in St. Louis
Dr. Jack Yanovski,
Dr. Marian Tanofsky-Kraff, Preceptors
Program in Developmental Endocrinology and Genetics

11. Michelle K Dail

Neuroinflammation and Niemann-Pick Disease Type C
California State University, Long Beach
Dr. Forbes D. Porter, Preceptor
Program in Developmental Endocrinology and Genetics

12. Sonya S Dasharathy

Menstrual bleeding patterns among regularly menstruating women
Washington University in St. Louis
Dr. Enrique F. Schisterman, Preceptor
Division of Epidemiology, Statistics and Prevention Research

13. Kathleen Engeln

Marketing Strategies for Food Products in Parenting Magazines: Health Assertions, Consumer Appeals, and Good Parent Empathy
University of Washington
Dr. Denise L. Haynie, Preceptor
Prevention Research (PR) Branch

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14. Austin Good

Mechanisms of imprinting for a long noncoding RNA located at the mesodermal enhancer for the Igf2/H19 locus

Carnegie Mellon University
Dr. Karl Pfeifer, Preceptor
Laboratory of Mammalian Genes and Development

15. Cameron Johnson

Conditional Restoration and Ablation of Cardiac Calsequestrin (CASQ2) in vivo: A Model for Understanding and Combating Stress-Induced Cardiac Arrhythmias

College of Idaho
Dr. Karl Pfeifer, Preceptor
Laboratory of Mammalian Genes and Development

16. Erin L Linehan

Parental Monitoring and Teen Dating Violence

University of Maryland, Baltimore County
Dr. Denise L. Haynie,
Dr. Ronald J. Iannotti, Preceptors
Division of Epidemiology, Statistics and Prevention Research

17. Brittany E Matheson

Psychosocial and Familial Functioning in Adolescent Girls at Risk for Obesity with Loss of Control Eating

Duke University
Dr. Marian Tanofsky-Kraff, Preceptor
Developmental Endocrinology Branch

18. Ashley McFarland

A characterization of hippocampal CGE-derived 5HT3A-expressing interneurons

University of Virginia
Dr. Chris McBain,
Dr. Kenneth Pelkey, Preceptors
Laboratory of Cellular and Synaptic Neurophysiology

19. Brandon M Nichter

Attention-deficit/hyperactivity disorder and substance use in a nationally representative sample of US Youth

Lewis and Clark College
Dr. Ronald Iannotti, Preceptor
Prevention Research (PR) Branch

20. Peter E O'Halloran

Smith-Lemli-Opitz Syndrome: What we know and the potential for iPSC technology

University of Maryland, College Park
Dr. Heiner Westphal, Preceptor
Program in Genomics of Differentiation

21. William Olson

Ldb1 complexes during embryonic stem cell differentiation

Grinnell College
Dr. Heiner Westphal, Preceptor
Laboratory of Mammalian Genes and Development

22. Renée M Royal

Dissociation Kinetics of EcoRV- DNA Binding

University of North Carolina Asheville
Dr. Nina Sidorova,
Dr. Don Rau, Preceptors
Program in Physical Biology

23. Amy N Russo

Point mutations in the Rpb9-homologous domain of Rpc11 that impair transcription termination by RNA polymerase III

Colgate University
Dr. Richard Maraia, Preceptor
Laboratory of Molecular Growth Regulation

24. Melissa Sandoval

Characterizing two Novel Manganese Homeostasis Genes in E. coli: a small protein, mntS and a putative metal efflux pump, yebN

University of San Diego
Dr. Gisela Storz,
Dr. Lauren Waters, Preceptors
Cell Biology and Metabolism Program

25. Katherine M Somers

Chemokine Signaling in the Zebrafish Posterior Lateral Line Primordium

University of Pittsburgh
Dr. Ajay Chitnis, Preceptor
Laboratory of Molecular Genetics

26. Alex Steinkamp

An In Vitro Model for Blast-induced Traumatic Brain Injury (bTBI)

Harvey Mudd College
Dr. Josh Zimmerberg, Preceptor
Laboratory of Cellular and Molecular Biophysics

27. Julia Tse

Will it work in real life? Barriers and facilitators to the implementation of an individually tailored kiosk-based injury prevention program in pediatric primary care

Dartmouth College
Dr. Denise Haynie,
Dr. Tonja Nansel, Preceptors
Division of Epidemiology, Statistics and Prevention Research

National Cancer Institute

28. Karen Y Jo

Physical Sciences-Oncology Centers (PS-OCs) Network

University of Maryland, College Park
Dr. Larry Nagahara,
Dr. Jerry Lee, Preceptors
Center to Reduce Cancer Health Disparities

National Cancer Institute Center for Cancer Research (NCI-CCR)

29. Nkosi Adejola

Chromosome Territory Organization in the Interphase Nuclei of Normal Mouse Tissue
University of Miami
Dr. David L. Levens,
Dr. Svetlana D. Pack, Preceptors
Laboratory of Pathology

30. Andrew J Anderson

Human Solid Organ Cancers Contain Stem-Like Label Retaining Cancer Cells that Undergo Asymmetric Cell Division and Have Superior Tumor Initiating Capacity
Jamestown College
Dr. Itzhak Avital, Preceptor
Surgery Branch

31. Megan R Ansbro

Development of a preclinical model for P-glycoprotein based skin absorptive transport for topical drug delivery-a case study with cyclosporin A
Denison University
Dr. Stuart H. Yuspa,
Dr. Luowei Li, Preceptors
Laboratory of Cancer Biology and Genetics

32. Timothy C Borbet

Interactions Between HIV-2 Vif and Human APOBEC3 Proteins
American University
Dr. Vinay K. Pathak,
Dr. Jessica Smith, Preceptors
HIV Drug Resistance Program

33. Amanda Bradley

Clonal Patterns in Cervical Cancers and Precursor Lesions
University of Colorado
Dr. Kerstin Heselmeyer-Haddad, Preceptor
Genetics Branch

34. Maira A Castaneda

Characterization of a mouse model for constitutive, tetracycline-inducible gene expression in melanocytes and their precursors (Hprt<tm1(Dct-tTA-SV40p(A)Hyk>)
Universidad Metropolitana
Dr. Thomas Hornyak, Preceptor
Dermatology Branch

35. Mario A Cedillo

Sequential treatment with the PARP Inhibitor AZD2281 and Carboplatin yields differential cell cycle effects in Ovarian cancer cells independent of BRCA mutation status
University of California, Los Angeles
Dr. Elise Kohn, Preceptor
Medical Oncology Branch and Affiliates

36. Amy Conner

Exploring the Effects of Modified Rep-P Replicator Sequence on the Prevention of Gene Silencing
Dickinson College
Dr. Mirit Aladjem, Preceptor
Laboratory of Molecular Pharmacology

37. Samuel L Dengler

Development of in situ Proximity Ligation Assay to study Smad signaling pathways in vitro and in vivo
Pennsylvania State University
Dr. Kathy Flanders, Preceptor
Laboratory of Cancer Biology and Genetics

38. Ashley S Denney

A Novel Assay for Investigating Transcription Fidelity in S. cerevisiae
Colorado State University
Dr. Jeffrey N. Strathern,
Dr. Alison J. Rattray, Preceptors
Gene Regulation and Chromosome Biology Laboratory

39. Rebecca G Edwards

CLIC4 regulates TGF- β dependent fibroblast to myofibroblast conversion
Claremont McKenna College
Dr. Stuart H. Yuspa, Preceptor
Laboratory of Cancer Biology and Genetics

40. Kevin M Harlen

The Development of a Thermally Controlled Drug Release System using Self-Assembling Peptides and Lipid-Based Drug Carriers
Montana State University
Dr. Joel P. Schneider, Preceptor
Chemical Biology Laboratory

41. Stanley He

Direct Targets of Tumor Suppressor CASZ1 and Its Impact on Murine Embryonic Stem Cell Differentiation Potential
Emory University
Dr. Zhihui Liu,
Dr. Carol J. Thiele, Preceptors
Pediatric Oncology Branch

42. Natalie Held

Role of p38 MAPK in Regulating Cripto-1 Expression and Signaling in Human Embryonal Carcinoma Cells
Johns Hopkins University
Dr. Caterina Bianco, Preceptor
Mammary Biology and Tumorigenesis Laboratory

43. Brian P Hibler

miR-148a Regulation in Cancer-Associated Fibroblasts
University of Wisconsin - Madison
Dr. Olga Aprelikova, Preceptor
Cell and Cancer Biology Branch

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44. Kasey Jividen

iNOS induced nuclear translocation of CLIC4 regulates proinflammatory mediators like IL-1 β in activated macrophages

Wheeling Jesuit University
Dr. Stuart Yuspa,
Dr. Mariam Malik, Preceptors
Laboratory of Cancer Biology and Genetics

45. Gina Y Kim

Molecular cytogenetic characterization of a paired samples of multiple myeloma cell line and tumor

University of Maryland, College Park
Dr. Anna V. Roschke, Preceptor
Genetics Branch

46. Alina A Leung

C-MYC translocation and expression in HIV-positive diffuse large B-cell lymphoma and Burkitt lymphoma

University of California, Los Angeles
Dr. Stefania Pittaluga,
Dr. Svetlana D. Pack, Preceptors
Laboratory of Pathology

47. Shane M Lince

Initial Molecular Characterization of Chordoma Cell Line

Florida Gulf Coast University
Dr. Karl E. Haglund, Preceptor
Radiation Oncology Branch

48. Sean R Llewellyn

High-Throughput Glycan Microarray Profiling of Humoral Responses to the Ad5hr-SIV Vaccine

Brigham Young University
Dr. Jeffrey C. Gildersleeve, Preceptor
Laboratory of Medicinal Chemistry

49. Joyce J Lu

Partial Least Squares Regression Model of Molecular Signaling in Human Ovarian Cancers

University of California, Los Angeles
Dr. Elise Kohn,
Dr. John L. Hays, Preceptors
Medical Oncology Branch and Affiliates

50. Dariya Momot

Are helicases essential for repairing Zidovudine (AZT)-induced damage?

City University of New York - Brooklyn College
Dr. Ofelia A. Olivero, Preceptor
Laboratory of Cancer Biology and Genetics

51. Kelly Nelson

Mice Transgenic for the Interferon-Inducible Gene Mndal

Howard University
Dr. Beverly A. Mock, Preceptor
Laboratory of Cancer Biology and Genetics

52. Rosan Nieves Borges

The apoptotic chromatin condensation inducer 1 (Acin1) interacts with multiple metastasis susceptibility genes

University of Puerto Rico, Cayey
Dr. Kent Hunter, Preceptor
Laboratory of Cancer Biology and Genetics

53. Cynthia R Peng

Urinary activated HGF as a noninvasive biomarker for the diagnosis of prostate cancer

Cornell University
Dr. Kevin Camphausen, Preceptor
Radiation Oncology Branch

54. Margaret R Pruitt

mTOR Protein Levels Affect Immunoglobulin Class Switch Recombination and Somatic Hypermutation

Duke University
Dr. Beverly A. Mock,
Dr. Shuling Zhang, Preceptors
Laboratory of Cancer Biology and Genetics

55. Vinita Puri

Highly Efficient Epitope Specific Antibody Isolation Through Competitive Yeast Display Library Sorting

University of Maryland, College Park
Dr. Dimiter Dimitrov,
Dr. Zhongyu Zhu, Preceptors
CCR Nanobiology Program

56. Eric Rios-Doria

Ubiquitin Tagged Dominant Negatives Cause Target Proteins To Be Degraded

City University of New York - College of Staten Island
Dr. Charles Vinson, Preceptor
Laboratory of Metabolism

57. Laura E Segars

Development of Combination Therapies that Target the DNA Damage Response in Ewing's Sarcoma Cells

Elon University
Dr. Patrick Grohar, Preceptor
Pediatric Oncology Branch

58. Liana A Senaldi

Characterizing T Cell Infiltrates in Tissues in Chronic Graft-Versus-Host Disease by Immunohistochemistry

Johns Hopkins University
Dr. Frances Hakim, Preceptor
Experimental Transplantation and Immunology Branch

59. Amogh Sivarapatna

Rapid Preclinical Screening of Chemotherapeutic Agents Effective in Combination with Immunotherapy
University of Virginia
Dr. Ronald Gress,
Dr. Philip J. Lucas, Preceptors
Experimental Transplantation and Immunology Branch

60. Carly J Smith

Genetic Alterations in Pediatric and wildtype Gastrointestinal Stromal Tumor
George Washington University
Dr. Su Young Kim, Preceptor
Pediatric Oncology Branch

61. Katherine C Soe

Discovery and Characterization of Novel Kinase Activity in Coactivator of Transcription CIITA
Pomona College
Dr. Dinah S. Singer, Preceptor
Experimental Immunology Branch

62. Kelsey Speer

CLIC4^{-/-} Mice are Defective in TGF- β Signaling and Wound Healing
Macalester College
Dr. Stuart H. Yuspa,
Dr. Kumar Velayuthan, Preceptors
Laboratory of Cancer Biology and Genetics

63. Tiffany N Tanzosh

Effects of Cholesterol Lowering Agents on Cellular Markers of Immune Activation in HIV Infected Individuals Suppressed on Antiretroviral Therapy
Pennsylvania State University
Dr. Frank Maldarelli, Preceptor
HIV DRP Host-Virus Interaction Branch

64. Abisola Tepede

Impact of Lenalidomide on the Antiproliferative Effect of Platinum-Combination Chemotherapeutic Agents against Urothelial Carcinoma Cells
University of Illinois Urbana - Champaign
Dr. Andrea Apolo,
Dr. William Figg, Preceptors
Medical Oncology Branch and Affiliates

65. Dena H Tran

Constitutive reductions in mTOR expression impair antibody production, affinity maturation, and germinal center formation
University of Maryland, College Park
Dr. Beverly A. Mock, Preceptor
Laboratory of Cancer Biology and Genetics

66. Jaleisa Turner

PCRBoost improves the PCR amplification and Sanger sequencing results of DNA derived from FFPE clinical specimens
Claflin University
Dr. Daniel Edelman, Preceptor
Genetics Branch

67. Reid V Wilkening

Tbata mediated growth arrest: a window into adult immune reconstitution in the thymus
Swarthmore College
Dr. Ronald Gress,
Dr. Francis Flomerfelt, Preceptors
Experimental Transplantation and Immunology Branch

68. Brian F Yagi

Factors Affecting T Cell Reconstitution Following Allogeneic Hematopoietic Stem Cell Transplantation
University of Michigan
Dr. Ronald Gress,
Dr. Francis T. Hakim, Preceptors
Experimental Transplantation and Immunology Branch

69. Wennhui Zhou

Nelfinavir Therapy in mEGFRL858R+T790M-driven Lung Tumors
University of California, Davis
Dr. Phillip Dennis,
Dr. Kawabata Shigeru, Preceptors
Medical Oncology Branch and Affiliates

National Cancer Institute Division of Cancer Control and Population Sciences (NCI-DCCPS)

70. Hannah E Bergman

Smokeless Tobacco Use in the United States Military: A Systematic Review
University of Pittsburgh
Dr. William Klein, Preceptor
Behavioral Research Program

71. Shadia Kawa

The effects of psychological factors on cancer progression: a comprehensive literature review of animal models
Georgetown University
Dr. Paige McDonald,
Dr. Jeffrey D. White, Preceptors
Basic and Biobehavioral Research Branch

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**National Cancer Institute Division of Cancer
Epidemiology and Genetics (NCI-DCEG)**

72. Dianna E Buckett

Meta-analysis of IL28B rs12979860 genotype and clearance of hepatitis C virus
Claremont McKenna College
Dr. Thomas R. O'Brien, Preceptor
Infections and Immunoepidemiology Branch

73. Rebecca Imrab

Relationship between stomach dimension and Body Mass Index Based on Patient Computed Tomography Image Analysis
University of Miami
Dr. Choonsik Lee, Preceptor
Radiation Epidemiology Branch

74. Jane S Kim

Post-GWAS Functional Characterization of Pancreatic Cancer Susceptibility Loci on Chromosome 13
University of California, Los Angeles
Dr. Laufey Amundadottir, Preceptor
Laboratory of Translational Genomics

75. Christine Kiruthu

Circulating Insulin and Risk of Melanoma in Finnish Men
University of Maryland, Eastern Shore
Dr. Demetrius Albanes,
Dr. Jacqueline Major, Preceptors
Nutritional Epidemiology Branch

76. Laura M Linville

Association of Breast Cancer Risk Factors with Characteristics of Terminal Ductal Lobular Units (TDLUs) in Breast Tissues
Georgetown University
Dr. Gretchen Gierach,
Dr. Jonine Figueroa, Preceptors
Hormonal and Reproductive Epidemiology Branch

77. McAnthony D Tarway

Genetic variants within JAZF1 are associated with differential binding of androgen receptor, altered mRNA expression and risk of prostate cancer
Tennessee State University
Dr. Ludmila Prokunina-Olsson, Preceptor
Laboratory of Translational Genomics

**National Cancer Institute Division of Cancer
Treatment and Diagnosis (NCI-DCTD)**

78. Jeans Santana

Complementary and alternative medicine use by Hispanic cancer patients and the impact of acculturation: National Health Interview Survey
Boston College
Dr. Farah Zia,
Dr. Oluwadamilola Olaku, Preceptors
Developmental Therapeutics Program

National Eye Institute (NEI)

79. Nicholas W DeKorver

Elucidating Mechanisms of Retinal Ganglion Cell Neuroprotection by Mesenchymal Stem Cell Transplantation
Central Michigan University
Dr. Stanislav I. Tomarev, Preceptor
Laboratory of Molecular and Developmental Biology

80. Shayma Jawad

The Role of Macrophage Class A Scavenger Receptors on CNV Formation in a Laser-induced Murine CNV Model
Georgetown University
Dr. Robert Nussenblatt,
Dr. Baoying Liu, Preceptors
Laboratory of Immunology

81. Lindsey F Nugent

A novel aryl hydrocarbon receptor ligand, ITE, suppresses immune-mediated ocular inflammation
American University
Dr. Igal Gery, Preceptor
Laboratory of Immunology

82. Tanner A Slayden, James Hanley

Identification of Novel Mouse RPGR Splice Variants that End in Alternative Exons
University of Virginia
Earlham College
Dr. Tiansen Li, Preceptor

83. Vinson Wang

Polymorphic variations affecting response to anti-VEGF therapy in patients with exudative age-related macular degeneration
Columbia University
Dr. Chi-Chao Chan, Preceptor
Laboratory of Immunology

**National Heart, Lung, and Blood Institute
(NHLBI)**

84. Alex Barsam

TSLP Regulation of Dendritic Cells
University of Southern California
Dr. Rosanne Spolski, Preceptor
Laboratory of Molecular Immunology

85. Molly J Bloom

Testing Computational Predictions in Drosophila Heart Enhancers
University of Maryland, College Park
Dr. Alan Michelson,
Dr. Brian Busser, Preceptors
Laboratory of Developmental Systems Biology

86. Shervin G Esfahani

Pink1 Regulation of Mitochondrial Dynamics
Loyola University Chicago
Dr. Mathew P. Daniels, Preceptor
Electron Microscopy Core

87. Rodrigo X Guillen

Drosophila Pericentrin Like Protein is required for centrosome function but not for centriole duplication
University of North Carolina at Chapel Hill
Dr. Nasser M. Rusan, Preceptor
Laboratory of Cell Biology

88. Sandy Hernandez

Microfabricated Substrates for use in Single-molecule Studies
State University of New York - Stony Brook University
Dr. James R. Sellers,
Dr. Yasuharu Takagi, Preceptors
Laboratory of Molecular Physiology

89. Darya Karabasheva

A Model System to Study Turnover of Plasma Membrane Proteins
City University of New York - Brooklyn College
Dr. Julie Donaldson,
Dr. Nelson Cole, Preceptors
Laboratory of Cell Biology

90. Camille K Kemble

Observing the Fringe Pattern Generated with Reflective, X-ray Gratings and a Compact X-ray Tube
Massachusetts Institute of Technology
Dr. Han Wen, Preceptor
Laboratory of Cardiac Energetics

91. Megan Kozlowski

Coronary wall imaging in mice using osmium tetroxide and micro-computed tomography
Rider University
Dr. Vinay Pai,
Dr. Han Wen, Preceptors
Laboratory of Cardiac Energetics

92. Maung-Tin H Kyaw

Inhibition of Alkaline Phosphatase Regulation by Bisphosphonates Treatment in ACDC Patients
St. John's University
Dr. Manfred Boehm, Preceptor
Translational Medicine Branch

93. Elizabeth A Lane

Transcriptional Regulatory Networks of Fusion Competent Myoblasts in Drosophila
University of Rochester
Dr. Alan Michelson,
Dr. Brian Busser, Preceptors
Laboratory of Developmental Systems Biology

94. Claire D Liepmann

Chondroitin Sulfate as a Ligand for Receptor Protein Tyrosine Phosphatase s and Nogo Receptor 1
Carleton College
Dr. Herbert M. Geller,
Dr. Yasuhiro Katagiri, Preceptors
Developmental Neurobiology Section

95. Sulynn Machado

Exploring the Role of the Stat3 Pathway in Nuclear Reprogramming of Induced Pluripotent Stem Cells
Amherst College
Dr. Manfred Boehm, Preceptor
Translational Medicine Branch

96. Mary J Morgan

The Role of Matrix Metalloproteinases and VEGFR-2 in Patients with Prolidase Deficiency
University of California, San Diego
Dr. Manfred Boehm, Preceptor
Translational Medicine Branch

97. Rosa Rodriguez

Interactions among Proteins involved in Hypertonicity-induced Activation of TonEBP/OREBP
Florida International University
Dr. Maurice Burg,
Dr. Joan Ferraris, Preceptors
Laboratory of Kidney and Electrolyte Metabolism

98. Matthew A Roe

The effects of Cyclosporin A on ubiquitination of mitochondrial proteins
St. Olaf College
Dr. Tish Murphy, Preceptor
Translational Medicine Branch

99. Xiameng Sun

Modeling the influence of the microenvironment on CLL in mice
Duke University
Dr. Adrian Wiestner, Preceptor
Hematology Branch

100. Julie L Valdes

Sorting Nexin 27 Mediates PDZ-directed Targeting of a BetaPix-GIT Complex at Focal Adhesions
Keck Graduate Institute
Dr. Sharon Milgram, Preceptor
Laboratory of Kidney and Electrolyte Metabolism

101. Robert L Walker

Membrane Interactions of Apolipoprotein C-III Probed by Tryptophan Fluorescence
La Sierra University
Dr. Jennifer C. Lee, Preceptor
Laboratory of Molecular Biophysics

102. May Wang

Mice with Reduced mTOR Expression are Protected from Some Age-Related Impairments
University of Virginia
Dr. Julie Wu, Preceptor
Translational Medicine Branch

103. Seth P Zimmerman

Sorting Nexin 27 mediates PDZ-directed trafficking of Zonula-Occludens (ZO)-2 to the Tight Junction
Rochester Institute of Technology
Dr. Sharon Milgram, Preceptor
Laboratory of Kidney and Electrolyte Metabolism

National Human Genome Research Institute (NHGRI)

104. Damien Abreu

Identification and functional characterization of putative islet endoplasmic reticulum stress response elements
Yale University
Dr. Michael L. Stitzel,
Dr. Francis S. Collins, Preceptors
Genome Technology Branch

105. Leslie B Adams

LINCS: Library of Integrated Network-based Cellular Signatures
Dartmouth College
Dr. Ajay Pillai, Preceptor
Division of Extramural Research

106. Stephanie L Battle

Genome-wide Reduction in Methylation Peaks Following 5-Azacytidine Treatment
University of Maryland, Baltimore County
Dr. David Bodine, Preceptor
Genetics and Molecular Biology Branch

107. Michelle Bloom

Defining the Role of YMR185W in Genome Maintenance in Yeast
University of California, Davis
Dr. KJ Myung, Preceptor
Genetics and Molecular Biology Branch

108. Marthe M Bryant-Genevier

Novel Cell Based HTS to Monitor H1N1 Neuraminidase Activity and Cytotoxicity
University of Maryland, Baltimore County
Dr. Marc Ferrar,
Dr. Steve Titus, Preceptors
NIH Chemical Genomics Center

109. Nicholas Cardillo

Dysregulation of matrix metalloproteases in HPS-1 pulmonary fibrosis
Vassar College
Dr. William A. Gahl, Preceptor
Medical Genetics Branch

110. Kimberly M Chau

A rapid screen for lysosomal storage disorders using flow cytometry of cultured fibroblasts
Pomona College
Dr. Cynthia J. Tiffit, Preceptor
Office of the Clinical Director

111. Colleen E Clark

Direct To The Patient: Are Primary Care Physicians Receiving DTC Genetic Test Results?
University of Virginia
Mr. Vence L. Bonham,
Dr. Colleen McBride, Preceptors
Social and Behavioral Research Branch

112. James A Curry

Molecular Characterization of Patients with Disorders of Lysosome-related Organelles
University of Iowa
Dr. William A. Gahl,
Dr. Marjan Huizing, Preceptors
Medical Genetics Branch

113. D’Juan T Farmer

Does Vitamin B12 Play a Role in Early Placental Development?
University of California, Los Angeles
Dr. Lawrence Brody, Preceptor
Genome Technology Branch

114. Tajh R Ferguson

Elucidating the Glucocerebrosidase and Parkinson disease Association: A Mouse Model
University of Richmond
Dr. Ellen Sidransky,
Dr. Nahid Tayebi, Preceptors
Medical Genetics Branch

115. Ann Marie Gustafson

Glucocerebrosidase and Alpha-synuclein Expression in Neuronal Cells from a Gaucher Mouse Model
Oberlin College
Dr. Ellen Sidransky, Preceptor
Medical Genetics Branch

116. Bernard J Koch

Evolution of the LIM Domain Superfamily throughout Metazoan History
Swarthmore College
Dr. Andreas D. Baxevanis, Preceptor
Genome Technology Branch

117. Jennifer E Long

A Genetic Determinant of Vitamin B12: Investigating the Link between FUT2 and Haptocorrin
University of Minnesota
Dr. Larry Brody, Preceptor
Genome Technology Branch

118. Rebecca F Lowdon

Deciphering the human genome with ENCODE: Encyclopedia of DNA Elements
College of William & Mary
Dr. Peter Good,
Dr. Elise Feingold, Preceptors
Division of Extramural Research

119. Michael Melgar

Predicting Novel Promoters for miRNAs
Massachusetts Institute of Technology
Dr. Praveen Sethupathy, Preceptor
Genome Technology Branch

120. Cathy K Ng

The Genotype-Tissue Expression (GTEx) Project
Swarthmore College
Dr. Jeffery P. Struewing,
Dr. Simona Volpi, Preceptors
Division of Extramural Research

121. Bailey Peck

Identification of Quantitative Trait Loci for Baseline Hematological Parameters using Developing Lines of the Collaborative Cross
Colorado College
Dr. Samir Kelada,
Dr. Francis Collins, Preceptors
Genome Technology Branch

122. Hamid r Saranjam

A germline mutation in a family with Gaucher disease
University of Maryland, College Park
Dr. Nahid Tayebi, Preceptor
Medical Genetics Branch

123. Afzal Sheikh

Proteasome Mutations in Human Disease
Johns Hopkins University
Dr. Ivona Aksentijevich, Preceptor
Medical Genetics Branch

124. Dimitre R Simeonov

Pathogenic Haplotype Analysis of Patients with Oculocutaneous Albinism
Rensselaer Polytechnic Institute
Dr. David R. Adams, Preceptor
Medical Genetics Branch

125. Ephrem R Teklemariam

Profiling Adipokines in a cohort of West Africans using multiplexing arrays
George Mason University
Dr. Ayo Doumatey, Preceptor
Inherited Disease Research Branch

National Institute of Allergy and Infectious Diseases (NIAID)

126. Zachary L Benet

Toll-Like Receptor Crosstalk: Elucidating Responses to Complex Stimuli
University of Wisconsin - Madison
Dr. Iain Fraser, Preceptor
Program in Systems Immunology and Infectious Disease Modeling

127. Solomon K Bisangwa

Orientation of T-Cell Receptor Complex Subunits as revealed by Bimolecular Fluorescence Complementation
City University of New York - Brooklyn College
Dr. David H. Margulies, Preceptor
Laboratory of Immunology

128. Zanetta Chang

Bacillus anthracis plasmid pXO1 contains at least two maintenance systems
University of Maryland, College Park
Dr. Stephen H. Leppla,
Dr. Andrey P. Pomerantsev, Preceptors
Bacterial Toxins and Therapeutics Section.

129. Sharma T Cook

Solving the Puzzle of Pregnancy Associated Malaria: One Piece at a Time
Bowie State University
Dr. Carole Long,
Dr. Kavita Singh, Preceptors
Laboratory of Malaria and Vector Research

130. Nicole Coppage

Characterization of hemolysin BL, a tripartite toxin produced by Bacillus cereus strains that cause food borne illnesses
University of California, Santa Cruz
Dr. Steven Leppla,
Dr. Inka Sastalla, Preceptors
Laboratory of Bacterial Diseases

131. Justine S Cummins-Oman

Cell-Free Expression and Functional Characterization of the Plasmodium falciparum Chloroquine Resistance Transporter (PfCRT)
Brandeis University
Dr. Thomas Wellems, Preceptor
Laboratory of Malaria and Vector Research

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Systems biology of T lymphocyte development: Themis and the cell cycle
Massachusetts Institute of Technology
Dr. Ronald Schwartz,
Dr. Andriy Morgun, Preceptors
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133. Laurette K Femnou

Activation induced CD16 down modulation in primary NK cells is regulated by a membrane-type matrix metalloproteinase (MT-MMP)
University of Maryland, Baltimore County
Dr. John E. Coligan,
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Laboratory of Immunogenetics

134. Brett G Fischer

Ccr1 Deficiency Reduces Mortality and Renal Accumulation of Neutrophils in a Mouse Model of Invasive Candidiasis
Tufts University
Dr. Philip M. Murphy,
Dr. Michail S. Lionakis, Preceptors
Laboratory of Molecular Immunology

135. Ayako W Fujita

Population Genetics of Neospora caninum
University of Georgia
Dr. Michael Grigg, Preceptor
Laboratory of Parasitic Diseases

136. Jessica Galant

Overexpression of transcription factor Helios suppresses the Th1 immune response
Stanford University
Dr. Ethan Shevach, Preceptor
Laboratory of Immunology

137. Alexandra Gast

More than Surface-Deep: the SRS Superfamily in Toxoplasma gondii
Northwestern University
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Laboratory of Parasitic Diseases

138. Michael Han

The genetic basis for artemisinin resistance examined using a genetic cross of malaria parasites
Northwestern University
Dr. Thomas Wellems, Preceptor
Laboratory of Malaria and Vector Research

139. Caraline L Higgins

Role of individual C-terminal amino acid residues in human parainfluenza virus type 2 V protein's function as an antagonist of the type I interferon response
Colgate University
Dr. Anne Schaap-Nutt,
Dr. Peter L. Collins, Preceptors
Laboratory of Infectious Diseases

140. Justin D Kappel

A herpes simplex virus 2 gD mutant impaired for neurotropism is attenuated and protects mice from challenge with wild-type virus
University of California, Berkeley
Dr. Kening Wang, Preceptor
Laboratory of Infectious Diseases

141. Sarah R Kaslow

Investigating Plasmodium vivax chloroquine response through a genetic cross in a chimpanzee
Johns Hopkins University
Dr. Thomas Wellems,
Dr. Juliana Sa, Preceptors
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142. Erin M Kropp

An Unexpected Role for Gata3 in the Development of CD8 T Cells
University of Michigan
Dr. BJ Fowlkes, Preceptor
Laboratory of Cellular and Molecular Immunology

143. Elizabeth C Lee

Molecular Determinants in the Cytoplasmic Tail of Endosomal Receptor KIR2DL4 that Control Signaling
George Washington University
Dr. Eric O. Long,
Dr. Sumi Rajagopalan, Preceptors
Laboratory of Immunogenetics

144. Dalton Lobo Dias

Hypomethylation of Deficient STAT1 in Immunocompromised Patients
St. John's College
Dr. Elizabeth P. Sampaio,
Dr. Steven M. Holland, Preceptors
Laboratory of Clinical Infectious Diseases

145. Michael K Maddox

Developing Methods for Modulating The Diffusion of Costimulatory Molecules in the Immunological Synapse
Seattle Pacific University
Dr. Rajat Varma, Preceptor
Laboratory of Cellular and Molecular Immunology

146. Elise Madrid

Biochemical assays to screen for anthelmintic drugs with Taenia crassiceps, a model organism for cysticercosis
University of Arizona
Dr. Siddhartha Mahanty,
Dr. Theodore Nash, Preceptors
Laboratory of Parasitic Diseases

147. Carrie B Martin

Variants of the XPR1 receptor for mouse xenotropic gammaretroviruses and the human XMRV virus
Wake Forest University
Dr. Christine A. Kozak, Preceptor
Laboratory of Molecular Microbiology

148. Andrew T McKenzie

Iterative motif searching for DNA elements regulating the CO2 response of Bacillus anthracis
Vassar College
Dr. Stephen H. Leppla,
Dr. Andrei Pomerantsev, Preceptors
Laboratory of Bacterial Diseases

149. Vanessa M Moore

Microfilariae of Brugia malayi Induce Both an Alternatively Activated and Proinflammatory Phenotype in Human Monocytes
Wells College
Dr. Roshanak Semnani, Preceptor
Laboratory of Parasitic Diseases

150. Jechiel Mor

Identification of Novel, Immunoreactive Malaria Antigens by Immunological and Proteomic Methods
Jacksonville University
Dr. Carole Long, Preceptor
Laboratory of Malaria and Vector Research

151. Erika Phelps

Using a Taqman assay to genotype the Plasmodium falciparum chloroquine resistance transporter gene (pfcr1) and monitor artesunate+amodiaquine intervention in Mali
Earlham College
Dr. Rick M. Fairhurst, Preceptor
Laboratory of Malaria and Vector Research

152. Damilola Phillips

Cloning & Characterization of an Antibody That Recognizes DNA-RNA Hybrids
Carnegie Mellon University
Dr. Stephen H. Leppla,
Dr. Clinton Leysath, Preceptors
Laboratory of Bacterial Diseases

153. Lindsey B Rosen

Novel STAT1 Mutation Leads to Prolonged Phosphorylation in vitro
Florida State University
Dr. Elizabeth P. Sampaio,
Dr. Steven M. Holland, Preceptors
Laboratory of Clinical Infectious Diseases

154. Aline Sandouk

Lethal Synergism of 2009 Pandemic Influenza A H1N1 and Streptococcus pneumoniae Co-infection Results from Loss of Lung Repair Responses
George Mason University
Dr. Jeffery K. Taubenberger, Preceptor
Laboratory of Infectious Diseases

155. Elizabeth M Steinert

Autoreactive T cells near physiological precursor frequencies do not undergo clonal deletion
Hamline University
Dr. Ronald Schwartz,
Dr. Nevil Singh, Preceptors
Laboratory of Cellular and Molecular Immunology

156. Gloria Tavera

Exploring Amodiaquine Resistance in Tanzania in P. falciparum
University of Florida
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Laboratory of Malaria and Vector Research

157. Caitlyn C Tivy

IL-17E (IL-25) induces asthma-like inflammation in the lungs by targeting multiple cell types
University of Denver
Dr. Ulrich Siebenlist, Preceptor
Laboratory of Immunoregulation

158. Alexander Wein

In Search of a MAP2K that is Truly Resistant to Anthrax Lethal Factor
Emory University
Dr. Shihui Liu, Preceptor
Bacterial Toxins and Therapeutics Section.

159. Rifat Zaman

Rituximab therapy of anti-interferon-gamma autoantibodies in patients with nontuberculous mycobacterial infection
Colgate University
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Dr. Steven M. Holland, Preceptors
Laboratory of Clinical Infectious Diseases

160. Jordan A Zussman

Resveratrol, a Component of Red Wine, Impairs the Cytoadherence of Plasmodium falciparum-Infected Red Blood Cells by Reducing the Expression of PfEMP-1
New York University
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**National Institute of Allergy and Infectious
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161. Timothy S Luongo

*Broad and potent neutralization of HIV-1 by the
CD4-mimetic peptide M48-U1*

Eastern University
Dr. Peter D. Kwong,
Dr. Priyamvada Acharya, Preceptors
Structural Biology Section

162. Lillian M Tran

*Detecting Antibodies to the Conserved CD4-binding
Site Epitope in HIV-Infected Seroconverter Cohorts*

University of California, Los Angeles
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BSL-3 Core Virology Laboratory

**National Institute of Arthritis and Musculoskeletal
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163. Thao X Do

*A proteomic study of early events regulating the Fas/
FasL Death Inducing Signaling Complex*

University of Massachusetts Boston
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Autoimmunity Branch

164. Katherine V Kline

*Improving Patient-Provider Communication through
Evaluation of Patient Reports of Interpersonal
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University of Virginia
Dr. Mark Gourley,
Ms. Alice Fike, Preceptors
Office of the Clinical Director

165. Arianne C Richard

*Tumor necrosis factor superfamily cytokine TL1A
synergizes with IL-2 and IL-4 to enhance IL-9-
producing T helper subset*

Columbia University
Dr. Richard M. Siegel, Preceptor
Autoimmunity Branch

166. Gema Souto-Adeva

*Urinary exosomal miRNAs as potential biomarkers of
renal disease activity in Lupus Nephritis*

University of Minnesota
Dr. Gabor Illei, Preceptor
Office of the Clinical Director

**National Institute of Biomedical Imaging and
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167. Artem Demytyev

*A Low-power Device with Wireless Smartphone
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University of Maryland, College Park
Dr. Alexander Gorbach, Preceptor
Laboratory of Bioengineering and Physical Science

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168. Shaun R Abrams

*Stem Cell Factor (SCF)/c-Kit increases Fgf10/Fgfr2b
signaling in salivary glands*

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Laboratory of Cell and Developmental Biology

169. Melissa J Burford

*Evaluation of the human aquaporin 5 (hAQP5)
promoter sequence*

Howard University
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Molecular Physiology and Therapeutics Branch

170. Candace L Haddox

*Neurturin and VIP modulate neuronal-epithelial
communication during submandibular gland
development*

University of Miami
Dr. Sarah M. Knox,
Dr. Matthew P. Hoffman, Preceptors
Laboratory of Cell and Developmental Biology

171. Daniel Leonard

*Direct visualization of intracellular collagen
degradation in vivo reveals the contribution of both
uPARAP and mannose receptor-dependent
mechanisms*

State University of New York - University at Albany
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Laboratory of Proteases and Tissue Remodeling

172. Christina A Marsh

*HPV-associated HNSCC: Widespread mTOR
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inhibitors rapamycin and RAD-001*

University of Washington
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Oral and Pharyngeal Cancer Branch

173. Britney N McClendon

*An in vitro approach towards mineralization using
induced pluripotent stem cells*

North Carolina State University
Dr. Pamela G. Robey,
Dr. Natasha Cherman, Preceptors
Craniofacial and Skeletal Diseases Branch

174. Amanda C Perofsky

*Development of Loop-mediated Isothermal
Amplification (LAMP) Assay for Rapid Detection of
Hepatitis C Virus in Minor Salivary Glands of
Sjögren's Syndrome Patients*

University of Georgia
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Molecular Physiology and Therapeutics Branch

175. Emily L Pinnow

A Potential Role for Biglycan in Fracture Healing
University of Puget Sound
Dr. Marian Young, Preceptor
Craniofacial and Skeletal Diseases Branch

176. Emily Purcell

Osteoblastic Cells Rely on MT1-MMP as a Regulator of Skeletal Homeostasis
University of Virginia
Dr. Kenn Holmbeck, Preceptor
Craniofacial and Skeletal Diseases Branch

177. Charly A Ryan

Immunofluorescence Histochemistry of Minor Salivary Gland (MSG) Biopsies from Patients with Primary Sjögren's Syndrome Before and After Treatment with an Anti-LFA-1 Monoclonal Antibody (Efalizumab)
Rockhurst University
Dr. Gabor Illei, Preceptor
Molecular Physiology and Therapeutics Branch

178. Sarala S Sarah

Hyper IgE Syndrome: Retention of Primary Dentition and the Role of Signal Transducer and Activator of Transcription 3 (STAT3)
Grand Valley State University
Dr. Niki M. Moutsopoulos, Preceptor
Clinical Research Core

179. Daniel Y Wen

Expression Analysis of Fibulin-7 and Other Fibulin Family Genes and Proteins in Mice
University of Maryland, College Park
Dr. Yoshihiko Yamada,
Dr. Susana de Vega, Preceptors
Laboratory of Cell and Developmental Biology

180. Timothy T Wigand

Trafficking of β 2-Adrenergic Receptors in the Submandibular Salivary Glands of Live Rats
Loyola University Maryland
Dr. Roberto Weigert, Preceptor
Oral and Pharyngeal Cancer Branch

181. Geneva L Williams

Pannexin 3 Functions as a Ca²⁺ Channel in the Endoplasmic Reticulum (ER) of Bone Cells: Structure and Function Relationships
University of New Mexico
Dr. Yoshihiko Yamada,
Dr. Masaki Ishikawa, Preceptors
Laboratory of Cell and Developmental Biology

National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

182. Alta M Berger

Effects of Regional Deficiency of G Protein Gsa in the Hypothalamus on Energy Homeostasis
George Washington University
Dr. Lee S. Weinstein, Preceptor
Metabolic Diseases Branch

183. Darleen C Castillo

Metabolic Syndrome Does Not Detect Metabolic Risk in Black African Men
University of Puerto Rico, Rio Piedras
Dr. Anne E. Sumner, Preceptor
Clinical Endocrinology Branch

184. Patrick D Dummer

ApoL1 and Kidney Disease: Exploring The Risk Variant
St. John's College
Dr. Jeffrey B. Kopp, Preceptor
Kidney Diseases Branch

185. Nicole C Easley

Solving the Crystal Structure of OmpC: A Potential Vaccine Candidate for The Black Plague
University of Maryland, College Park
Dr. Susan C. Buchanan, Preceptor
Laboratory of Molecular Biology

186. Onyinyechi F Eke

Clonotyping and sequencing of HBV specific TCR alpha and beta subunits
University of Maryland, College Park
Dr. Barbara Rehermann,
Dr. Heiyoung Park, Preceptors
Liver Diseases Branch

187. Meng-Lun Hsieh

Using FeBABA to Probe Protein-DNA Interactions between RNA Polymerase and a Transcriptional Activator
Williams College
Dr. Deborah Hinton, Preceptor
Laboratory of Molecular and Cellular Biology

188. David N Levine

Characterization of SPE-11: A Sperm-Supplied Factor Essential for Embryogenesis
Washington and Jefferson College
Dr. Andy Golden, Preceptor
Laboratory of Biochemistry and Genetics

189. Grace E Linder

Assessment of the effects of Sitagliptin, a DPP-4-specific inhibitor, on immune function in healthy individuals
Macalester College
Dr. Kristin V. Tarbell, Preceptor
Diabetes Branch

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The N-terminal linker region between the endonuclease and helicase domains of AAV5 Rep promotes oligomerization
University of Colorado
Dr. Alison B. Hickman, Preceptor
Laboratory of Molecular Biology

191. Cynthia Offoha

Cellular Characteristics of Adipose Tissue in Obesity
University of Maryland, College Park
Dr. Samuel Cushman, Preceptor
Diabetes Branch

192. Khai H Phan

Pharmacological Characterization of Analogs of a Novel Antagonist of the A2A Adenosine Receptor Discovered by In Silico Screening
Virginia Polytechnic Institute and State University
Dr. Kenneth A. Jacobson, Preceptor
Laboratory of Bioorganic Chemistry

193. S. Angela Ramer

All Nighters and Fourth Meals, New Addictions in Modern Society: sleep and obesity's impact on cognition
Elon University
Dr. Giovanni Cizza, Preceptor
Clinical Endocrinology Branch

194. Ugochi J Ukegbu

The Prevalence of Metabolic Obesity is Higher in Africans than African Americans: The Combined Effect of Urbanization and Immigration
Dartmouth College
Dr. Anne E. Sumner, Preceptor
Clinical Endocrinology Branch

195. Sam Zuber

You Are What You Sleep: A look into the relationship between obesity and leptin in chronically sleep-deprived obese subjects
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Dr. Giovanni Cizza, Preceptor
Clinical Endocrinology Branch

National Institute of Environmental Health Sciences (NIEHS)

196. Wenlu Gu

Towards the structural characterization of a GPCR-G protein interaction: The visual rhodopsin-transducin complex
University of Wisconsin - Madison
Dr. Lutz Birnbaumer,
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Laboratory of Neurobiology

197. Jean M Strelitz

Assessing Copy Number Stability in Circulating Mitochondrial DNA
University of California, San Diego
Dr. Jack Taylor, Preceptor
Laboratory of Molecular Carcinogenesis

198. Adrienne Yip

Rituximab in Myositis Trial: the NIH Experience
Cornell University
Dr. Lisa Rider,
Dr. Fred Miller, Preceptors
Office of Clinical Research, Environmental Autoimmunity Group

199. Alice Zhang

The expression of engineered rhodopsin for structure-function studies
Tulane University
Dr. Lutz Birnbaumer,
Dr. Vijay Pagadala, Preceptors
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National Institute of Mental Health (NIMH)

200. Christopher J Adalio

Differential response to emotional valence and animacy associated with callous-unemotional traits
University of Florida
Dr. James Blair, Preceptor
Unit on Affective Cognitive Neuroscience

201. Julia B Baller

Psychotropic Medication Use in a National Sample of U.S. Adolescents with Mental Disorders
Washington University
Dr. Kathleen Merikangas, Preceptor
Genetic Epidemiology Research Branch

202. Heather K Decot

Effect of Placebo Controlled Medication Withdrawal In Patients With Schizophrenia Based On the COMT VAL108/158MET Polymorphism
University of Mary Washington
Dr. Jose A. Apud,
Dr. Daniel R. Weinberger, Preceptors
Clinical Brain Disorders Branch

203. Jason H Doran

Impaired Glucocorticoid Receptor Function Exacerbates LPS-Induced Inflammation and Sickness Behavior
University of Wisconsin - Madison
Dr. Esther M. Sternberg,
Dr. Marni N. Silverman, Preceptors
Section on Neuroendocrine Immunology and Behavior

204. Emily H Feig

Prevalence and correlates of autism and learning disability in a nationally representative sample of U.S. Adolescents
Tufts University
Dr. Kathleen Merikangas, Preceptor
Genetic Epidemiology Research Branch

205. Emily Fessler

The Neuroprotective Effects of Lithium and Valproate in Cerebral Ischemia: MicroRNA Mechanisms
Brown University
Dr. De-Maw Chuang, Preceptor
Section on Molecular Neurobiology

206. Erica L Frankel

Scopolamine as a fast-acting antidepressant agent in Bipolar Depression: A randomized placebo – controlled clinical trial
Emory University
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Experimental Therapeutics and Pathophysiology Branch

207. Ruby L Fried

Rare CDH2 Variants in OCD and Tourette Syndrome
University of Oregon
Dr. Dennis L. Murphy,
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208. Shannon Gallagher

The effects of social and non-social stimuli with affective valence on decision making
Oberlin College
Dr. Bruno Averbeck, Preceptor
Laboratory of Neuropsychology

209. Alexis N Hedrick

Allelic Variation within the Autism Risk Gene MET and Cortical Thickness in Typically Developing Children and Adolescents
Vassar College
Dr. Jay N. Giedd, Preceptor
Child Psychiatry Branch

210. Adin I Horovitz

Rhesus Macaque tolerates moderate parametric alterations of memorized image in Delayed Match To Sample task
Knox College
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Laboratory of Neuropsychology

211. Aaron K Jenkins

Neurexin 1 (NRXN1) Gene Expression across the Normal Human Lifespan: Implications for Neurodevelopment and Schizophrenia
Emory University
Dr. Amanda J. Law, Preceptor
Clinical Brain Disorders Branch

212. Gabriela C Kattan

Correlates and Comorbidity of Mania in U.S. Adolescents
University of California, Los Angeles
Dr. Kathleen Merikangas, Preceptor
Genetic Epidemiology Research Branch

213. Yoon Yi Kim

Modulation of Chronic Pain by Tuberoinfundibular Peptide of 39 Residues
University of California, San Diego
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Laboratory of Genetics

214. Jeremy R Kruger

Early-Life Stress and Chronic Fluoxetine Treatment Alter Structural Development of the Anterior Cingulate Cortex in Juvenile Rhesus Monkeys (Macaca mulata)
University of Miami
Dr. Eric E. Nelson,
Dr. Daniel Pine, Preceptors
Mood and Anxiety Disorder Research Program

215. Anastasia I Kurnikova

Repetition Priming Effects in Monkey Cortex: an fMRI Study
Carnegie Mellon University
Dr. David A. Leopold,
Dr. David B. McMahon, Preceptors
Laboratory of Neuropsychology

216. Erica K Ludi

International Families Seeking Medical Care in the United States: Adaptations and Challenges
University of North Carolina at Chapel Hill
Dr. Maryland Pao, Preceptor
Office of the Clinical Director

217. Craig A Marquardt

Anterior Cingulate Activity and Rapid Antidepressant Response to Ketamine in Bipolar Depression
University of Wisconsin - Madison
Dr. Carlos A. Zarate, Preceptor
Experimental Therapeutics and Pathophysiology Branch

218. Camilo F Mateus

Comparing Regional Cerebral Glucose Metabolism in Bipolar I and Bipolar II using Fluorodeoxyglucose Positron Emission Tomography
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Dr. Allison Nugent, Preceptors
Experimental Therapeutics and Pathophysiology Branch

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The effects of age, sex, and genotype on anxiety- and depressive-like behaviors in serotonin transporter (SERT)-deficient mice

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Laboratory of Clinical Sciences

220. Penelope A Papalambros

Effects of exogenous attention on visual perceptual learning: An fMRI Study

University of Michigan
Dr. Leslie G. Ungerleider,
Dr. Ikuko Mukai, Preceptors
Laboratory of Brain and Cognition

221. Varun Razdan

White matter integrity in pediatric bipolar disorder: A diffusion tensor imaging study

University of Wisconsin - Madison
Dr. Ellen Leibenluft,
Dr. Nancy E. Adleman, Preceptors
Mood and Anxiety Disorder Research Program

222. Briana L Robustelli

Upright and Inverted Face Recognition in Autism Spectrum Disorder

Cornell University
Dr. Alex Martin,
Dr. Greg Wallace, Preceptors
Laboratory of Brain and Cognition

223. Liza M Rubenstein

Phenomenological features and clinical impact of mood disorders in OCD: A focus on bipolar disorder

Cornell University
Dr. Dennis L. Murphy, Preceptor
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224. Jessica Selter

The Effects of an N-methyl-D-aspartate Antagonist on Sleep Consolidation, Slow Wave Sleep, and Mood in Treatment-Resistant Bipolar Depression

Duke University
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Experimental Therapeutics and Pathophysiology Branch

225. Benjamin Suarez-Jimenez

Effect of Mother's Dominance Rank on Offspring Temperament in Infant Rhesus Monkeys (Macaca mulatta)

University of Puerto Rico, Mayaguez
Dr. Eric E. Nelson,
Ms. Pamela Noble, Preceptors
Primate Neurobiology Core Facility

226. Haruka Swendsen

Females are more anxious but not more fearful than males

University of California, Merced
Dr. Kathleen Merikangas, Preceptor
Genetic Epidemiology Research Branch

227. Sara R Taylor

Circadian Effects of Anesthetic Sensitivity

City College of New York
Dr. Howard A. Nash,
Dr. Elyssa D. Burg, Preceptors
Laboratory of Molecular Biology

228. Sarah C Westen

Integrating Neuroscience in the Training of Psychiatrists: An NIMH Initiative

Union College
Dr. Maryland Pao
Dr. Mayada Akil,
Dr. Rishi Kakar, Preceptors
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National Institute of Neurological Disorders and Stroke (NINDS)

229. Nicholas M Bashour

Progesterone Rapidly Inhibits GnRH-1 Neuronal Activity via Membrane Progesterone Receptors

Wayne State University
Dr. Susan Wray, Preceptor
Cellular and Developmental Neurobiology Section

230. Sundeep S Boparai

Can Threshold Based Segmentation of Stroke MRI Be Used to Predict Post-Treatment Reperfusion?

George Washington University
Dr. Marie Luby, Preceptor
Stroke Branch

231. Caitlin Collins

Freezing of Gait in Parkinson's Disease using Gait Imagery with fMRI

Yale University
Dr. Mark Hallett, Preceptor
Medical Neurology Branch

232. Elizabeth L Daley

Developing a Chromatin Immunoprecipitation Method to Demonstrate Binding of SPI-B Protein to Targets on the JC Viral Promoter/Enhancer

University of Notre Dame
Dr. Eugene O. Major,
Dr. Leslie J. Marshall, Preceptors
Laboratory of Molecular Medicine and Neuroscience

233. Matthew L Herman

Cytokines in the Serum and CSF of MS Patients
Washington University in St. Louis
Dr. Bibiana Bielekova, Preceptor
Neuroimmunology Branch

234. Daymara A Hernandez

Cerebral Blood Flow Quantification Utilizing Pseudo-Continuous Arterial Spin Labeling in Acute Stroke Patients
George Washington University
Dr. Lawrence L. Latour, Preceptor
Stroke Branch

235. Matthew M Mirsky

The Effect of Altering SPI-B Binding Sites in JC Viral Non-Coding Regulatory Region
University of Wisconsin - Madison
Dr. Leslie Marshall,
Dr. Eugene O. Major, Preceptors
Laboratory of Molecular Medicine and Neuroscience

236. Colin D Shea

Automated Longitudinal MS Lesion Segmentation and Tracking via Subtraction MRI
Georgetown University
Dr. Daniel S. Reich, Preceptor
Neuroimmunology Branch

237. Rajat Singh

Role of SPG20 protein Spartin on Bone Morphogenetic Protein Signaling Pathway
Washington State University
Dr. Craig Blackstone, Preceptor
Cellular Neurology Unit

National Institute of Nursing Research (NINR)

238. Benjamin L Majors

Genetic Expression of Stress and Toxicity Markers in Patients with Fatigue
Washington College
Dr. Wendy A. Henderson,
Dr. Leorey Saligan, Preceptors
Symptom Management Laboratory

239. Nayan S Patel

A Rare Case of Mast Cell Activation Syndrome
Carnegie Mellon University
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240. Farrah E Rink

TNFRSF25 Expression and Fatigue in Men with Nonmetastatic Prostate Cancer Receiving External Beam Radiation Therapy
Washington and Jefferson College
Dr. Leorey Saligan, Preceptor
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National Institute on Aging (NIA)

241. Jean S Cadet

Recombinant Leukemia Inhibiting Factor (LIF) Production Strategy for Embryonic Stem Cell Culture Maintenance
Loyola University Chicago
Dr. Ko Minoru,
Dr. Yuhki Nakatake, Preceptors
Laboratory of Genetics

242. Bethany A Carboneau

Transcriptional and translational changes across species; profiling of skeletal muscle during aging
Hanover College
Dr. Rafael de Cabo, Preceptor
Laboratory of Experimental Gerontology

243. Benjamin K Davis

The alcohol paradox: The effects of alcohol consumption on brain volume and cognitive function in an aging Icelandic population
Vassar College
Dr. Lenore J. Launer, Preceptor
Laboratory of Epidemiology, Demography and Biometry

244. Anabel Gonzalez Gil

Comparative Analysis of Sea Urchin and Mammalian RAG1/RAG2 proteins
Florida International University
Dr. Sebastian D. Fugmann, Preceptor
Laboratory of Cellular and Molecular Biology

245. Kristofer S Gravenstein

Vitamin D may Modulate Adiponectin in Women
Old Dominion University
Dr. Chee W. Chia, Preceptor
Clinical Research Branch

246. Nicole A Harris

Determination of the effects of amino acid variation on APE1 protein function
University of North Texas
Dr. David M. Wilson, Preceptor
Laboratory of Molecular Gerontology

247. Matthew Kellom

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University of California, Merced
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Dr. Stanley Rapoport, Preceptors
Brain, Physiology and Metabolism Section

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Characterization of the interaction between PARP-1 and two distinct DNA glycosylases
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Dr. Nicole Noren Hooten,
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University of Maryland, Baltimore County
Dr. Sigge Zou, Preceptor
Laboratory of Experimental Gerontology

251. Andrew R Levette

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Dr. Rafael de Cabo, Preceptor
Laboratory of Experimental Gerontology

252. Megan Manno

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Laboratory of Immunology

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North Carolina State University
Dr. Richard Spencer,
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Laboratory of Clinical Investigation

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Swarthmore College
Dr. Sebastian D. Fugmann, Preceptor
Laboratory of Cellular and Molecular Biology

National Institute on Alcohol Abuse and Alcoholism (NIAAA)

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Laboratory for Integrative Neuroscience

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University of Texas
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Laboratory for Integrative Neuroscience

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Laboratory for Integrative Neuroscience

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Laboratory of Molecular Signaling

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Laboratory of Clinical & Translational Studies

National Institute on Deafness and Other Communication Disorders (NIDCD)

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Section on Synaptic Transmission

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Laboratory of Cellular Biology

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Laboratory of Molecular Genetics

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University of Tennessee
Dr. Stephan D. Brenowitz, Preceptor
Section on Synaptic Transmission

National Institute on Drug Abuse (NIDA)

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Dr. Betty Jo Salmeron, Preceptor
Neuroimaging Research Branch

279. Allison J Carroll

Externalizing behavior is correlated with error-related anterior cingulate cortex activity

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Neuroimaging Research Branch

280. Jiwoon Chang

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Clinical Pharmacology and Therapeutics Research Branch

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Neuroimaging Research Branch

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Behavioral Neuroscience Research Branch

283. Kyounghee Huh

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Dr. Cristina M. Bäckman,
Dr. YaJun Zhang, Preceptors
Cellular Neurobiology Research Branch

284. Natalia Ibanez

Methamphetamine Self Administration Induces Epigenetic Changes In Rat Hippocampus

Lafayette College
Dr. Jean Lud Cadet, Preceptor
Molecular Neuropsychiatry Branch

285. Jaclyn A Javerbaum

Effect of stress on craving and ability to resist smoking

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Dr. Carol Myers, Preceptors
Clinical Pharmacology and Therapeutics Research Branch

286. Amber R Pulaski

Repeatability of laboratory stressors in heroin users: early vs. mid treatment

East Carolina University
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Clinical Pharmacology and Therapeutics Research Branch

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Molecular Neuropsychiatry Branch

288. David Reiner

9-cis retinoic acid protects against methamphetamine-induced neurotoxicity

University of Rochester
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Molecular Neuropsychiatry Branch

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Identifying novel mGluR5 negative allosteric modulators as tools for in vivo investigation in addiction

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Dr. Amy Newman,
Dr. Thomas Keck, Preceptors
Medications Discovery Research Branch

290. Emily Simons

Methamphetamine increases HIV LTR activity in human microglial cell line via NFkB activation

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Dr. Brandon Harvey, Preceptor
Molecular Neuropsychiatry Branch

291. Ratika Srivastava

Reward delay discounting: A behavioral economics model of addiction

York University
Dr. Eliot L. Gardner, Preceptor
Chemical Biology Research Branch

NIH Clinical Center (CC)

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The Ethics of Incidental Findings in Pediatric Genetic Research

Columbia University
Mr. Benjamin Berkman,
Dr. Sara C. Hull, Preceptors
Department of Bioethics

293. John N Bliton

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Rensselaer Polytechnic Institute
Dr. Jianhua Yao, Preceptor
Radiology and Imaging Sciences

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Brandeis University
Dr. David Herion, Preceptor
Department of Clinical Research Informatics

295. Jen Hammond

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Carnegie Mellon University
Dr. Jay Shah, Preceptor
Rehabilitation Medicine Department

296. Jeremy Hua

Computer-Aided Detection of Abdominal Lymph Nodes in Contrast-Enhanced CT Images

University of Washington
Dr. Jiamin Liu, Preceptor
Radiology and Imaging Sciences

297. Matthew T McKenna

Fusion of Machine Intelligence and Human Intelligence for Colonic Polyp Detection in CT Colonography

Duke University
Dr. Shijun Wang, Preceptor
Radiology and Imaging Sciences

298. Vivek Pamulapati

Liver Segmental Anatomy and Analysis from Vessel and Tumor Segmentation via Optimized Graph Cuts

Princeton University
Dr. Marius G. Linguraru, Preceptor
Diagnostic Radiology Department

299. Neil Panjwani

Automated Cleansing of Heterogeneously Enhanced Stool in Laxative-Free CT Colonography

Duke University
Dr. Marius Linguraru, Preceptor
Radiology and Imaging Sciences

300. William J Richbourg

Automated CT Liver and Tumor Analysis in Patients with Complex Liver Diseases

University of Maryland, College Park
Dr. Marius Linguraru,
Dr. Ronald M. Summers, Preceptors
Radiology and Imaging Sciences

301. Roseanna Sommers

Forgoing Debriefing in Deceptive Research: Is it ever ethical?

Swarthmore College
Dr. Franklin G. Miller, Preceptor
Department of Bioethics

302. Annie Sullivan

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Middlebury College
Dr. Deborah P. Merke, Preceptor
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303. Sinthujah Velumyylum

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University of North Carolina at Chapel Hill
Dr. Gwentyth R. Wallen,
Ms. Kimberly R. Middleton, Preceptors
Nursing Department

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Accuracy of Patellofemoral Kinematics Using Multi-Plane 3D Shape Registration as a Precursor to Patellofemoral Joint Contact Mechanics

University of Pennsylvania
Dr. Frances T. Gavelli,
Dr. Bhushan S. Borotikar, Preceptors
Rehabilitation Medicine Department

305. Tatjana S Wiese

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California Institute of Technology
Dr. Jack Yao,
Dr. Ronald M. Summers, Preceptors
Radiology and Imaging Sciences

306. Kacey C Wulff

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Stanford University
Dr. Christine Grady, Preceptor
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Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)

1) Maxime Débrosse

HHMI-NIH Research Scholar
The Role of *Spt6* in the regulation of interferon-stimulated gene transcription
Mount Sinai School of Medicine
Dr. Keiko Ozato, Preceptor
Laboratory of Molecular Growth Regulation

2) Aliye Runyan

HHMI-NIH Research Scholar
The role of osmotic stress and GnRH-mediated signaling on hormone-treated human uterine myometrial and leiomyoma cells
University of Miami-Miller School of Medicine
Dr. James H. Segars, Preceptor
Unit on Reproductive Endocrinology and Infertility

3) Ozan Y. Suer

CRTP Fellow
Hypercortisolism is Necessary to Ensure Appropriate Corticotropin-releasing Hormone (CRH) and Inferior Petrosal Sinus Sampling (IPSS) Responses in Cushing's Syndrome
Cleveland Clinic Lerner College of Medicine of the Case Western Reserve University School of Medicine
Dr. Lynnette Nieman, Preceptor
Program in Reproductive and Adult Endocrinology

National Cancer Institute Center for Cancer Research (NCI-CCR)

4) Nnenaya Q. Agochukwu

CRTP Fellow
The Role of Carbonic Anhydrase in Renal Cell Carcinoma
Louisiana State University School of Medicine-Shreveport
Dr. Gennady Bratslavsky, Preceptor
Urologic Oncology Branch

5) Gary Altwerger

The Regulatory Mechanism of Secretory Leukocyte Protease Inhibitor, Progranulin and Phospholipid Scramblase in a Xenograft Model of Human Ovarian Carcinoma

University at Buffalo State University of New York
School of Medicine & Biomedical Sciences

Dr. Elise Kohn, Preceptor

Medical Oncology Branch

6) Martha O. Amoako

CRTP Fellow

Pilot Immunotherapy Trial in High Risk Pediatric Solid Tumors

Johns Hopkins University School of Medicine

Dr. Crystal Mackall, Preceptor

Pediatric Oncology Branch

7) Chad Rohan Burk

HHMI-NIH Research Scholar

In vivo Tracking of ALL Using a Syngeneic Murine Model

Oregon Health and Science University

Terry Fry, Preceptor

Pediatric Oncology Branch

8) Saurin Chokshi

CRTP Fellow

Biodistribution and Antitumor Efficacy of Low Temperature Sensitive Liposome Encapsulated Docetaxel and Doxorubicin in a Murine Model of Prostate Cancer

University of Kentucky College of Medicine

Dr. Peter Pinto, Preceptor

Urologic Oncology Branch

9) Farhoud Faraji

HHMI-NIH Research Scholar

Validation of Complex Genetics Approaches to the Discovery of Metastasis Modifying Genes

Saint Louis University School of Medicine

Dr. Kent W. Hunter, Preceptor

Laboratory of Cancer Biology and Genetics

10) Tyler J. Fraum

CRTP Fellow

Dynamic Contrast-enhanced MRI Parametric Response Map as an Early Biomarker of Outcome in Patients with Recurrent Malignant Gliomas Treated with Bevacizumab

Duke University School of Medicine

Dr. Howard Fine, Preceptor

Neuro-Oncology Branch

11) Cecilia A. Larocca

HHMI-NIH Research Scholar

Human carcinoma cells with high Brachyury expression can be rendered susceptible to anti-cancer therapeutic strategies via TGF- β receptor type I inhibition

Johns Hopkins University School of Medicine

Dr. Jeffery Schlom, Preceptor

Laboratory of Tumor Immunology and Biology

12) Kelly Y. Lin

CRTP Fellow

Preclinical Efficacy of AZD8055, an ATP-competitive Mammalian Target of Rapamycin (mTOR) Kinase Inhibitor, In Vitro in Urothelial Carcinoma of the Bladder

David Geffen School of Medicine at UCLA

Dr. Ramaprasad Srinivasan, Preceptor

Urologic Oncology Branch

13) Kathryn J. Martires

CRTP Fellow

Clinical and Laboratory Markers of Sclerotic-type Graft-versus-host Disease

Case Western Reserve University School of Medicine

Dr. Edward Cowen, Preceptor

Dermatology Branch

14) Andrew Cain McClary

HHMI-NIH Research Scholar

Germline Variation in mir-608 is Associated with Risk and Prognosis in Non-Small Cell Lung Cancer

Tulane University School of Medicine

Dr. Curtis Harris, Preceptor

Laboratory of Human Carcinogenesis

National Eye Institute (NEI)

15) Maanasa Indaram

HHMI-NIH Research Scholar

Predictive Value of Short-term Cataract Change for Cataract Surgery and Visual Acuity Loss at Five and Ten Years

Duke University School of Medicine

Dr. Emily Chew, Preceptor

Division of Epidemiology and Clinical Applications

16) Brian C. Toy

CRTP Fellow

Longitudinal Study of Retinal Angiomas and Visual Function in Ocular von Hippel-Lindau (VHL) Disease

University of California, San Francisco School of Medicine

Drs. Wai Wong and Emily Chew, Preceptors

Unit on Neuronal-Glial Interactions in Retinal Disease

National Heart, Lung, and Blood Institute (NHLBI)

17) Billy Chen

CRTP Fellow

Extra Cellular Volume (ECV) Imaging by MRI Compared to ECV Imaging by

CT – Validation in Experimental Acute Infarction

Boston University School of Medicine

Dr. Andrew Arai, Preceptor

Laboratory of Cardiac Energetics

18) Candace B. Mainor

CRTP Fellow

Irreversible Proteasome Inhibition as a Method to Sensitize Tumors to Natural Killer Cell Mediated Cytotoxicity

University of Maryland School of Medicine

Dr. Richard Childs

Hematology Branch

National Human Genome Research Institute (NHGRI)

19) Nneamaka B. Agochukwu

CRTP Fellow

Cognitive Function, Development, and Hearing Loss in Patients with Muenke Syndrome (FGFR3-Related Craniosynostosis)

Vanderbilt University School of Medicine

Dr. Maximilian Muenke, Preceptor

Medical Genetics Branch

20) Daniel Faden

HHMI-NIH Research Scholar

The MTAP-INK4A Locus Confers Susceptibility to Cancer in a Naturally Occurring Canine Model

Boston University School of Medicine

Dr. Elaine Ostrander, Preceptor

Laboratory of Comparative Genomics

21) Daniel King

HHMI-NIH Research Scholar

Copy Number Variation Detection from Exome Sequence Data

Wayne State University School of Medicine

Dr. Leslie Biesecker, Preceptor

Genetic Disease Research Branch

22) Kamal Menghrajani

CRTP Fellow

The Genetic and Molecular Basis of a New Segmental Arteriosclerosis: Insights from an Extreme Vascular Disorder

University of North Carolina at Chapel Hill School of Medicine

Drs. Cornelius Boerkoe¹ and Manfred Boehm², Preceptors

¹Undiagnosed Diseases Program, NHGRI,

²Translational Medicine Branch, NHLBI

National Institute of Allergy and Infectious Diseases (NIAID)

23) Jonathan J. Hubbard

CRTP Fellow

Human Host Genetic Risk Factors for Steatosis in Hepatitis C Genotype 3 Virus Infection

University of Arkansas for Medical Sciences

Dr. Shyam Kottlil, Preceptor

Laboratory of Immunoregulation

24) Jacqueline S. Herold

HHMI-NIH Research Scholar

A comparative analysis of inflammatory reactions in Loa loa- and Onchocerca volvulus-infected patients after treatment with diethylcarbamazine

Albert Einstein College of Medicine of Yeshiva University

Dr. Amy D. Klion, Preceptor

Eosinophil Pathology Unit

National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS)

25) Foster Chen

CRTP Fellow

Trends and Complication Rates in the Treatment of Humeral Shaft Fractures by Intramedullary Nail and Plate-and-screw Fixation

University of California, San Diego School of Medicine

Dr. Timothy Bhattacharyya, Preceptor

Clinical and Investigative Orthopaedic Surgery Section

National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

26) Natasha Kamal

CRTP Fellow

The Gastrointestinal Manifestations of Chronic Granulomatous Disease

University of Maryland School of Medicine

Dr. Theo Heller, Preceptor

Liver Disease Branch

27) Michael G. Knight

CRTP Fellow

Metabolic Syndrome with Fasting Hyperglycemia is More Common in Ethiopian Israelis than West Africans or African Americans

Cleveland Clinic Lerner College of Medicine of Case Western Reserve University

Dr. Anne E. Sumner, Preceptor

Diabetes, Endocrinology, and Obesity Branch

National Institute of Mental Health (NIMH)

28) Aviva Olsavsky

CRTP Fellow

Neural Correlates of Face Emotion Processing in Children at Risk for Bipolar Disorder

David Geffen School of Medicine at UCLA

Dr. Ellen Leibenluft, Preceptor

National Institute of Neurological Disorders and Stroke (NINDS)

29) Ilena C. George

CRTP Fellow

Relaxometry, Diffusion, and Gadolinium Enhancement Prior to Lesion Appearance in Multiple Sclerosis

New York University School of Medicine

Dr. Daniel Reich, Preceptor

Neuroimmunology Branch

30) Rajiv Iyer

HHMI-NIH Research Scholar
Tracking accuracy of T2- and diffusion-weighted magnetic resonance imaging for infusate distribution by convection-enhanced delivery.
New York University School of Medicine
Dr. Russell R. Lonsler, Preceptor
Surgical Neurology Branch

31) Alexander Ksendzovsky

CRTF Fellow
Convection-enhanced Delivery of M13 Phage into Primate Brain
Rosalind Franklin University of Medicine and Science
Dr. Russell Lonsler, Preceptor
Surgical Neurology Branch

32) Anita Tipirneni

CRTF Fellow
Molecular Pathogenesis of Hereditary Spastic Paraplegias
University at Buffalo State University of New York
School of Medicine & Biomedical Sciences
Dr. Craig Blackstone, Preceptor
Cellular Neurology Section

National Institute on Deafness and Other Communication Disorder (NIDCD)

33) Christopher J. Gouveia

CRTF Fellow
Preclinical Evaluation of HSP90 Inhibitor AT13387 in Head and Neck Squamous Cell Carcinoma
University of California, San Francisco School of Medicine
Dr. Carter Van Waes, Preceptor
Head and Neck Surgery Branch

34) Minyoung Jang

CRTF Fellow
Identification of p53 and p63 Binding Sites Using Enzyme-linked Immunosorbent Assays (ELISAs)
UMDNJ-Robert Wood Johnson Medical School
Dr. Carter Van Waes, Preceptor
Head and Neck Surgery Branch

35) Carol H. Yan

HHMI-NIH Research Scholar
Combined targeting of IKK α and β effectively suppresses NF- κ B activation, cell survival and migration in head and neck squamous cell cancers
University of Pennsylvania School of Medicine
Dr. Carter Van Waes, Preceptor
Head and Neck Surgery Branch

National Institute of Dental and Craniofacial Research

36) Quang Nguyen

HHMI-NIH Research Scholar
Eukaryotic initiation factor 4E-regulated cytokine expression and secretion initiate Kaposi's sarcomagenesis downstream from mTOR
University of Virginia School of Medicine
Dr. Jorge Silvio Gutkind, Preceptor
Oral and Pharyngeal Cancer Branch

NIH Clinical Center (CC)

37) Oren Goltzer

CRTF Fellow
Patellar Maltracking Provides a Mechanical Advantage in Patellofemoral Pain Syndrome
University of Miami Miller School of Medicine
Dr. Frances Sheehan Gavelli, Preceptor
Functional and Applied Biomechanics Section
Rehabilitation Medicine Department

38) Tan B. Nguyen

CRTF Fellow
Distributed Human Intelligence for Colonic Polyp Classification in Computer-aided Detection for CT Colonography
David Geffen School of Medicine at UCLA
Dr. Ronald M. Summers, Preceptor
Imaging Biomarkers and Computer-Aided Diagnosis Laboratory
Radiology and Imaging Sciences

39) Tara L. Spivey

CRTF Fellow
Genetic Analysis of Melanoma Cell Lines Derived from Well-characterized Metastatic Melanoma Tissues
Rush Medical College
Dr. Francesco Marincola, Preceptor
Department of Transfusion Medicine

40) David M. Tabriz

CRTF Fellow
Comparative Assessment of Flow During Embolization Procedures
Rush Medical College
Dr. Bradford Wood, Preceptor
Center for Interventional Oncology

41) Hari M. Trivedi

CRTF Fellow
Transurethral MR-guided High-intensity Ultrasound System for Focal Ablation of Prostate Cancer
Medical College of Georgia
Drs. Aradhana Venkatesan¹ and Peter Pinto²,
Preceptors
Center for Interventional Oncology (CC)¹, Urologic Oncology Branch (NCI)²

42) Albert Wu

CRTF Fellow
Measurement of Pulmonary Infection on 18F-FDG PET and CT from Studies of H1N1 Influenza and Parainfluenza
University of Michigan Medical School
Dr. Daniel J. Mollura, Preceptor
Center for Infectious Disease Imaging
Department of Radiology

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