

CCR MANUSCRIPT NOTIFICATION (APRIL 2010)

Laboratory of Immune Cell Biology - Jonathan Ashwell, M.D.

There were no submissions reported this month.

Vaccine Branch - Jay Berzofsky, M.D., Ph.D.

Hidajat R, Kuate S, Venzon D, Kalyanaraman V, Kalisz I, Treece J, Lian Y, Barnett SW, and **Robert-Guroff M**: Construction and immunogenicity of replication-competent adenovirus 5 host range mutant recombinants expressing HIV-1 gp160 of SF162 and TV1 strains. *Vaccine*. In press. (VB)

Xiao P, Zhao J, Patterson LJ, Brocca-Cofano E, Venzon D, Kozlowski PA, Hidajat R, Demberg T, and **Robert-Guroff M**: Multiple vaccine-elicited non-neutralizing anti-envelope antibody activities contribute to protective efficacy by reducing both acute and chronic viremia following SHIV_{89.6P} challenge in rhesus macaques. *J. Virol*. In press. (VB)

Sui Y, Zhu Q, Gagnon S, Dzutsev A, Terabe M, Vaccari M, Venzon D, **Klinman D**, Strober W, Kelsall B, **Franchini G**, Belyakov IM, and **Berzofsky JA**: Innate and adaptive immune correlates of vaccine and adjuvant-induced control of mucosal transmission of SIV in macaques. *Proc. Natl. Acad. Sci. USA*. In press. (VB)

CCR Nanobiology Program - Robert Blumenthal, Ph.D.

Dimitrov DS: Therapeutic antibodies, vaccines, and antibodyomes. *MAbs*. In press. (CCRNP)

Miller Y, Ma B, and **Nussinov R**: Polymorphism in Alzheimer A β amyloid organization reflects conformational selection in a rugged energy landscape. *Chem. Rev*. In press. (CCRNP)

Miller Y, Ma B, and **Nussinov R**: Zinc ions promote Alzheimer A β aggregation via population shift of polymorphic states. *PNAS*. In press. (CCRNP)

Laboratory of Population Genetics - Kenneth Buetow, Ph.D.

There were no submissions reported this month.

Molecular Discovery Program - R. Andrew Byrd, Ph.D.

Structural Biophysics Laboratory - R. Andrew Byrd, Ph.D.

There were no submissions reported this month.

Molecular Targets Laboratory - James McMahon, Ph.D.

There were no submissions reported this month.

Chemical Biology Laboratory - Joel Schneider, Ph.D.

Liu F, Hakami R M, Dyas B, Bahta M, Lountos GT, **Waugh DS**, Ulrich RG, and **Burke TR**: A rapid oxime linker-based library approach to identification of bivalent inhibitors of the *Yersinia pestis* protein-tyrosine phosphatase, YopH. *Bioorg & Med Chem Let.* 20: 2813-2816, 2010. (CBL)

Druzhilovsky DS, Filimonov DA, Liao CZ, Peach M, **Nicklaus M**, and Poroikov VV: Computer-assisted search and optimization of new human immunodeficiency virus integrase inhibitors. *Proteomics and Bioinformatics.* 4(1): 59-67, 2010. (CBL)

Oyelaran O, McShane L, Dodd L, and **Gildersleeve JC**: Profiling human serum antibodies with a carbohydrate microarray. *J Proteome Res.* 8: 4301-4310, 2009. (CBL)

Radiation Oncology Branch - Kevin Camphausen, M.D.

Bumb A, Regino CA, Perkins MR, Bernardo M, Ogawa M, Fugger L, **Choyke PL**, Dobson PJ, **Brechbiel MW**: Preparation and characterization of a magnetic and optical dual-modality molecular probe. *Nanotechnology.* 21(17): 175704, 2010. (ROB)

Molecular Imaging Program - Peter Choyke, M.D.

Xi W, Seidel J, Kakareka JW, Pohida TJ, Milenic DE, Proffitt J, Majewski S, Weisenberger AG, Green MV, and **Choyke PL**: MONICA: a compact, portable dual gamma camera system for mouse whole-body imaging. *Nucl Med Biol.* 37(3): 245-253, 2010. (MIP)

Kobayashi H, Longmire MR, Ogawa M, **Choyke PL**, and Kawamoto S: Multiplexed imaging in cancer diagnosis: applications and future advances. *Lancet Oncol.* In press. (MIP)

Laboratory of Cancer Prevention - Nancy Colburn, Ph.D.

Young MR, Santhanam AN, Yoshikawa N, and **Colburn NH**: Have tumor suppressor PDCD4 and its counteragent oncogenic miR-21 gone rogue? *Mol. Interv.* 10(2): 76-79, 2010. (LCP)

Gamero AM, Young MR, Mentor-Marcel R, Bobe G, Scarzello AJ, Wise J, and **Colburn NH**: STAT2 contributes to promotion of colorectal and skin carcinogenesis. *Cancer Prev. Res. (Phila Pa)*. 3(4): 495-504, 2010. (LCP)

Camalier CE, Young MR, Bobe G, Perella CM, **Colburn NH**, and Beck Jr GR: Elevated phosphate activates N-ras and promotes cell transformation and skin tumorigenesis. *Cancer Prev. Res. (Phila Pa)*. 3(3): 359-370, 2010. (LCP)

Blees JS, Schmid T, Thomas CL, Baker AR, Benson L, Evans JR, Goncharova EI, **Colburn NH**, **McMahon JB**, and Henrich CJ: Development of a high-throughput cell-based reporter assay to identify stabilizers of tumor suppressor Pcd4. *J. Biomol. Screen*. 15(1): 21-29, 2010. (LCP)

Volate SR, Kawasaki BT, Hurt EM, Milner JA, Kim YS, White J, and **Farrar WL**: Gossypol induces apoptosis by activating p53 in prostate cancer cells and prostate tumor-initiating cells. *Mol. Cancer Ther*. 9(2): 461-470, 2010. (LCP)

Hurt EM, Chan K, Serrat MA, Thomas SB, Veenstra TD, and **Farrar WL**: Identification of vitronectin as an extrinsic inducer of cancer stem cell differentiation and tumor formation. *Stem Cells*. 28(3): 390-398, 2010. (LCP)

Irons R, Tsuji PA, Carlson BA, Ouyang P, Yoo MH, Xu XM, **Hatfield DL**, Gladyshev VN, and Davis CD: Deficiency in the 15-kDa Selenoprotein Inhibits Tumorigenicity and Metastasis of Colon Cancer Cells. *Cancer Prev. Res. (Phila Pa)*. In press. (LCP)

Carlson BA, Yoo M-H, Shrimali RK, Irons R, Gladyshev VN, **Hatfield DL** and Park JM: Role of selenium-containing proteins in T cell and macrophage function. *Proc. Nutri. Soc*. In press. (LCP)

Yoo M-H, Carlson BA, Tsuji P, Irons R, Gladyshev VN and **Hatfield DL**: Alteration of thioredoxin reductase 1 levels in elucidating cancer etiology. *Methods Enzymol*. In press. (LCP)

Turanov AA, **Hatfield DL** and Gladyshev VN: Characterization of protein targets of mammalian thioredoxin reductase. *Methods Enzymol*. In press. (LCP)

Lobanov AV, Turanov AA, **Hatfield DL** and Gladyshev VN: Dual functions of codons in the genetic code. *Crit. Rev. Biochem. Mol. Biol*. In press. (LCP)

Lee S, Shuman JD, Guszczynski T, Sakchaisri K, Sebastian T, Copeland TD, Miller M, Cohen MS, Taunton J, Smart RC, Xiao Z, Yu LR, Veenstra TD, and **Johnson PF**: RSK-mediated phosphorylation in the C/EBP β leucine zipper regulates DNA binding, dimerization, and growth arrest activity. *Mol. Cell. Biol*. In press. (LCP)

Tao Y, Xi S, Briones V, and **Muegge K**: Lsh mediated RNA polymerase II stalling at HoxC6 and HoxC8 involves DNA methylation. PLoS One. 5(2): e9163, 2010. (LCP)

Neuro-Oncology Branch - Howard Fine, M.D.

Kotliarov Y, Bozdog S, Cheng H, Wuchty S, Zenklusen JC, and **Fine HA**: CNAREporter: a Gene Pattern Pipeline for the Generation of Clinical Reports of Genomic Alterations. BMC Medical Genomics. 3: 11, 2010. (NOB)

Medical Oncology Branch - Giuseppe Giaccone, M.D., Ph.D.

Reece K and **Figg WD**: A Novel Regulator (USP10) of p53: Implications for Tumor Suppression and Therapeutic Targeting. Cancer Biol. Ther. In press. (MOB)

Cook K and **Figg WD**: Angiogenesis Inhibitors – Current Strategies and Future Prospects. CA Cancer J. Clin. In press. (MOB)

Clamp DA, Yu JJ, Cho YJ, Gao R, Jett J, Zot H, Cunnick JM, Snyder B, Clump AC, Shockey M, Gannett P, Coad JE, Shurina R, **Figg WD**, Reed E, and Flynn DC: A Polymorphic Variant of AFAP-110 Enhances cSrc Activity. Transl. Oncol. In press. (MOB)

Figg WD: When Does a Malpractice Error Become a Felony? Pharmacotherapy. In press. (MOB)

Sun H, Pisle S, and **Figg WD**: Bioluminescent Imaging Study: FAK inhibitor, PF-562,271, Preclinical Study in PC3M-luc-C6 Local Implant and Metastasis Xenograft Models. Cancer Biol. Ther. In press. (MOB)

Figg WD, Smith EK, Price D, English B, Thurman P, Steinberg S, and Emanuel E: Disclosing a Cancer Diagnosis: Where and How is it Occurring? J. Clin. Oncology. 28(22): 3630-3635, 2010. (MOB)

Kirkland C, Price DK, and **Figg WD**: Genetic Variant Associated with Aggressive not Indolent Prostate Cancer. Cancer Biol. Therap. In press. (MOB)

Polgar O, Ierano C, Tamaki A, Stanley B, Ward Y, **Xia D**, Tarasova N, Robey RW, and **Bates SE**: Mutational analysis of threonine 402 adjacent to the GXXXG dimerization motif in transmembrane segment 1 of ABCG2. Biochemistry. 49: 2235-2245, 2010. (MOB)

Dohse M, Scharenberg C, Shukla S, Robey RW, Volkmann T, Deeken JF, Brendel C, **Ambudkar SV**, Neubauer A and **Bates SE**: Comparison of ATP-binding cassette transporter interactions with the tyrosine kinase inhibitors imatinib, nilotinib and dasatinib. Drug Metab. Dispo. In

press. (MOB)

Laboratory of Metabolism - Frank Gonzalez, Ph.D.

There were no submissions reported this month.

Laboratory of Cell Biology - Michael Gottesman, M.D.

Kannan P, Brimacombe KR, Zoghbi SS, Liow JS, Morse C, Taku AK, Pike VW, Halldin C, Innis RB, **Gottesman MM**, and Hall MD: N-desmethyl-Loperamide is selective for P-glycoprotein among three ATP-binding cassette transporters at the blood-brain barrier. *Drug Metab Dispos.* In press. (LCB)

Ananthaswamy N, Rutledge R, Sauna ZE, **Ambudkar SV**, Nelson E, Dine E, **Xia D** and Golin J: The signaling interface of the yeast multidrug transporter Pdr5 adopts a cis conformation and there is functional overlap and equivalence of the deviant and canonical Q-loop residues. *Biochemistry.* In press. (LCB)

Liang XJ, Meng H, Wang Y, He H, Meng J, Lu J, Wang PC, Zhao Y, Gao X, Sun B, Chen C, Xing G, Shen D, **Gottesman MM**, Wu Y, Yin JJ, and Jia L: Metallofullerene nanoparticles circumvent tumor resistance to cisplatin by reactivating endocytosis. *Proc Natl Acad Sci USA.* 107: 7449-7454, 2010. (LCB)

Murphy GE, Lowekamp BC, Zerfas PM, Chandler RJ, Narasimha R, Venditti CP, and **Subramaniam S**: Ion-abrasion-scanning electron microscopy reveals distorted liver mitochondrial morphology in murine methylmalonic acidemia. *J Struct Biol.* In press. (LCB)

Tang WK, Li D, Li CC, Esser L, Dai R, Guo L, and **Xia D**: A Novel ATP-dependent Conformation in p97 N-D1 Fragment Revealed by Crystal Structures of Disease Related Mutants. *EMBO J.* In press. (LCB)

Wu CP, Ohnuma S and **Ambudkar SV**: Discovering natural product modulators to overcome multidrug resistance in cancer chemotherapy. *Curr. Pharmaceut. Biotechnol.* In press. (LCB)

Experimental Transplantation and Immunology Branch - Ronald Gress, M.D.

There were no submissions reported this month.

Laboratory of Receptor Biology and Gene Expression - Gordon Hager, Ph.D.

Biddie SC, John S and **Hager GL**: Genome-wide mechanisms of nuclear receptor action. *Trends Endocrin. Metab.* 21: 3-9, 2010. (LRBGE)

Laboratory of Human Carcinogenesis - Curtis Harris, M.D.

There were no submissions reported this month.

HIV Drug Resistance Program - Stephen Hughes, Ph.D.

HIV DRP Host Virus Interaction Branch - Stephen Hughes, Ph.D.

There were no submissions reported this month.

Retroviral Replication Laboratory - Stephen Hughes, Ph.D.

Ahmadibeni Y, Dash C, **Le Grice SFJ**, and Parang K: Solid-phase synthesis of 5'-O-beta,gamma-methylenetriphosphate derivatives of nucleosides and evaluation of their inhibitory activity against HIV-1 reverse transcriptase. *Tetrahedron Lett.* 51: 3010-3013, 2010. (RRL)

Hussein ITM, Ni N, Galli A, Chen J, Moore MD, and **Hu W-S**: Delineation of the preferences and requirements of human immunodeficiency virus type 1 dimerization initiation signal using an *in vivo* cell-based selection approach. *J. Virol.* 84: 6866-6875, 2010. (RRL)

Waheed AA and **Freed EO**: The role of lipids in retrovirus replicaton. *Viruses.* 2: 1146-1180, 2010. (RRL)

Laboratory of Comparative Carcinogenesis - Larry Keefer, Ph.D.

Reynolds MM, Saavedra JE, Showalter BM, Valdez CA, Shanklin AP, Oh BK, **Keefer, LK**, and Meyerhoff ME: Tailored synthesis of nitric oxide releasing polyurethanes using O²-protected diazeniumdiolated chain extenders. *J. Mater. Chem.* 20: 3107-3114, 2010. (LCC)

Ziegler RG, Faupel-Badger JM, Sue LY, Fuhrman BJ, Falk RT, Boyd-Morin J, Henderson MK, Hoover RN, Veenstra TD, **Keefer LK**, and Xu X: A new approach to measuring estrogen exposure and metabolism in epidemiologic studies. *J Steroid Biochem Mol Biol.* In press. (LCC)

Cell and Cancer Biology Branch - Kathleen Kelly, Ph.D.

There were no submissions reported this month.

Urologic Oncology Branch - W. Marston Linehan, M.D.

Sanford, TH, Storey, BB, **Linehan, WM**, Rogers, CA, **Pinto, PA** and **Bratslavsky G**: Outcomes and Timing for Intervention of Partial Adrenalectomy in Patients With a Solitary Adrenal Remnant and History of Bilateral Pheochromocytomas. *BJU Int.* In press. (UOB)

Laboratory of Cellular Oncology - Douglas Lowy, M.D.

There were no submissions reported this month.

Pediatric Oncology Branch - Crystall Mackall, M.D.

There were no submissions reported this month.

Genetics Branch - Paul Meltzer, M.D., Ph.D.

There were no submissions reported this month.

Lab of Cancer Biology & Genetics - Glenn Merlino, PhD and Stuart Yuspa, MD

Li L, Shukla S, Lee A, Garfield SH, Maloney DJ, **Ambudkar SV** and **Yuspa SH**: The skin cancer chemotherapeutic agent ingenol-3-angelate (PEP005) is a substrate for the epidermal multidrug transporter (ABCB1) and targets tumor vasculature. *Cancer Res.* In press. (LCBG)

Romanova LY, Holmes G, Bahte SK, Kovalchuk AL, Nelson PJ, **Ward Y**, Gueler F and **Mushinski JF**: Phosphorylation of paxillin at threonine 538 by PKCdelta regulates LFA1-mediated adhesion of lymphoid cells. *J. Cell Sci.* 123(Pt 9): 1567-1577, 2010. (LCBG)

Yu M, Obolenskaya N, Tepuluk M, Divi RL, **Poirier MC**, Filimonova NB, Zadrozna M, and Pasanen MJ: Human placental glutathione S-transferase activity and polycyclic aromatic hydrocarbon DNA adducts as biomarkers for environmental oxidative stress in placentas from pregnant women living in radioactivity- and chemically-polluted regions. *Toxicology Letters.* In press. (LCBG)

Radiation Biology Branch - James Mitchell, Ph.D.

Mitchell JB, Choudhuri R, Fabre K, Sowers AL, **Citrin D**, Zabludoff SD, and Cook JA: In vitro and in vivo radiation sensitization of human tumor cells by a novel checkpoint kinase inhibitor, AZD7762. *Clin Cancer Res.* 16(7): 2076-2084, 2010. (RBB)

Laboratory of Cell and Developmental Signaling - Debbie Morrison, Ph.D.

Hour TC, Lai YL, Kuan CI, Chou CK, Wang JM, Tu HY, Hu HT, Lin CS, Wu WJ, Pu YS, **Sterneck E**, and Huang AM: Transcriptional up-regulation of SOD1 by CEBPD: a potential target for cisplatin resistant human urothelial carcinoma cells. *Biochem Pharmacol.* In press. (LCDS)

Pawar SA, Sarkar TR, Balamurugan K, **Sharan S**, Wang J, Zhang Y, Dowdy SF, Huang AM, and **Sterneck E**: C/EBPd targets cyclin D1 for proteasome-mediated degradation via induction of CDC27/APC3 expression. Proc. Natl. Acad. Sci. USA. In press. (LCDS)

Laboratory of Pathology - J. Carl Oberholtzer, M.D., Ph.D.

Amri H and Abu-Asab M: Unani Medicine. Micozi MS (Ed). In: Fundamentals of Complementary and Integrative Medicine. Saunders Elsevier, pp. 468-481, 2010. (LP; PI: **Oberholtzer JC**)

Butler PW, Cochran CS, **Merino MJ**, Nguyen DM, **Schrump DS**, and Gorden P: Ectopic growth hormone-releasing hormone secretion by a bronchial carcinoid tumor: clinical experience following tumor resection and long-acting octreotide therapy. Pituitary. In press. (LP)

Fetsch PA and Abati A: The clinical immunohistochemistry laboratory: Regulations and troubleshooting guidelines. Meth. Molec. Biol. 588: 399-412, 2010. (LP; PI: **Oberholtzer JC**)

Matsuda KM, Chung J-Y, Ylaya K, Dodd S, Fukunaga M, and **Hewitt SM**: Microscopic resolution imaging and proteomics correlation at histogeographically identical location: Point by point correlation between ex vivo tissue imaging with high field MRI and multiplex tissue immunoblotting for proteomics profiling. Proceedings of SPIE Vol. 7626 (SPIE, Bellingham, WA, 2010-83, Medical Imaging 2010, Biomedical Applications in Molecular, Structural, and Functional Imaging. (LP)

Laboratory of Genomic Diversity - Stephen O'Brien, Ph.D.

There were no submissions reported this month.

Lab of Molecular Biology - Ira Pastan, M.D. and Susan Gottesman, Ph.D.

There were no submissions reported this month.

Cancer & Developmental Biology Lab. - Alan Perantoni, Ph.D.

Galli A, Robay D, Osterwalder M, Bao X, Bénazet JD, Tariq M, Paro R, **Mackem S** and Zeller R: Distinct roles of Hand2 in initiating polarity and posterior Shh expression during the onset of mouse limb bud development. PloS Genetics. 6: e1000901, 2010. (CDBL)

Laboratory of Molecular Pharmacology - Yves Pommier, M.D., Ph.D.

There were no submissions reported this month.

Surgery Branch - Steven Rosenberg, M.D., Ph.D.

There were no submissions reported this month.

Mammary Biology & Tumorigenesis Lab – David Salomon, Ph.D. (Acting Lab Chief)

There were no submissions reported this month.

Laboratory of Cellular and Molecular Biology - Larry Samelson, M.D.

There were no submissions reported this month.

Laboratory of Tumor Immunology and Biology - Jeffrey Schlom, Ph.D.

There were no submissions reported this month.

Experimental Immunology Branch - Alfred Singer, M.D.

There were no submissions reported this month.

Gene Regulation and Chromosome Biology Lab - Jeffrey Strathern, Ph.D.

There were no submissions reported this month.

Laboratory of Experimental Carcinogenesis - Snorri Thorgeirsson, M.D., Ph.D.

There were no submissions reported this month.

Cancer and Inflammation Program - Giorgio Trinchieri, M.D.

Laboratory of Molecular Immunoregulation - Joost Oppenheim, M.D.

There were no submissions reported this month.

Laboratory of Experimental Immunology - Giorgio Trinchieri, M.D.

Wang SS, Abdou AM, Morton LM, Thomas R, Cerhan JR, Gao X, Cozen W, Rothman N, Davis S, Severson RK, Bernstein L, Hartge P, and **Carrington M**: Human leukocyte antigen class I and II alleles in non-Hodgkin lymphoma etiology. *Blood*. 115: 4820-4823, 2010. (LEI)

Wong AH, Williams K, Reddy S, Wilson D, Giddy J, Alter G, Ghebremichael M, **Carrington MN**, Ndung'u T, Walker BD, Altfeld M, and Carr WH: Alterations in natural killer cell receptor profiles during HIV type 1 disease progression among chronically infected South African adults. *AIDS Res Hum Retroviruses*. 26(4): 459-469, 2010. (LEI)

O'Connor SL, Lhost JJ, Becker EA, Detmer AM, Johson RC, Macnair CE, Wiseman RW, Karl JA, Greene JM, Burwitz BJ, Bimber BN, Lank SM, Tuscher JJ, Mee ET, Rose NJ, Desrosiers RC, Hughes AL, Friedrich TC, **Carrington M**, and O'Connor DH: MHC heterozygote advantage in simian immunodeficiency virus-infected Mauritian cynomolgus macaques. *Sci Transl Med*. 2(22): 22ra18, 2010. (LEI)

Dermatology Branch - Mark Udey, M.D., Ph.D.

There were no submissions reported this month.

Mouse Cancer Genetics Program - Terry Van Dyke, Ph.D.

Chen K, Le Y, Liu Y, Gong W, Ying G, Huang J, Yoshimura T, **Tessarollo L**, and **Wang JM**: Cutting Edge: A Critical Role for the G Protein-Coupled Receptor mFPR2 in Airway Inflammation and Immune Responses. *J Immunol*. 184(7): 3331-3335, 2010. (MCGP)

Singh SR, Zheng Z, Wang H, Oh SW, Chen X, and **Hou SX**: Competitiveness for the niche and mutual dependence of the germline and somatic stem cells in the *Drosophila* testis are regulated by the JAK/STAT signaling. *J Cell Physiol*. 223(2): 500-510, 2010. (MCGP)

Liu W, Singh SR, and **Hou SX**: JAK-STAT is restrained by Notch to control cell proliferation of the *Drosophila* intestinal stem cells. *J Cell Biochem*. 109(5): 992-999, 2010. (MCGP)

Banerjee S, Byrd JN, Gianino SM, Harpstrite SE, Rodriguez FJ, Tuskan RG, **Reilly KM**, Piwnicka-Worms DR, and Gutmann DH: The neurofibromatosis type 1 tumor suppressor controls cell growth by regulating signal transducer and activator of transcription-3 activity in vitro and in vivo. *Cancer Res*. 70(4): 1356-1366, 2010. (MCGP)

Hawes JJ and **Reilly KM**: Bioluminescent approaches for measuring tumor growth in a mouse model of neurofibromatosis. *Toxicol Pathol*. 38(1): 123-130, 2010. (MCGP)

Walrath JC, Hawes JJ, **Van Dyke T**, and **Reilly KM**: Genetically engineered mouse models in cancer research. *Adv Cancer Res*. 106: 113-164, 2010. (MCGP)

Metabolism Branch - Thomas Waldmann, M.D.

There were no submissions reported this month.

Laboratory of Protein Dynamics & Signaling - Allan Weissman, M.D.

There were no submissions reported this month.

Macromolecular Crystallography Laboratory - Alexander Wlodawer, Ph.D.

There were no submissions reported this month.

Laboratory of Biochemistry and Molecular Biology - Carl Wu, Ph.D.

There were no submissions reported this month.

HIV and AIDS Malignancy Branch - Robert Yarchoan, M.D.

There were no submissions reported this month.

Basic Research Laboratory

There were no submissions reported this month.

Emeritus Scientists

There were no submissions reported this month.

SAIC Frederick

AIDS and Cancer Virus Program - Jeffrey Lifson, M.D.

There were no submissions reported this month.