

CCR MANUSCRIPT NOTIFICATION (SEPTEMBER 2012)

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

There were no submissions reported this month.

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

Zhu Q, Talton J, Zhang G, Cunningham T, Wang Z, Waters RC, Kirk J, Eppler B, **Klinman DM**, Sui Y, Gagnon S, Belyakov IM, Mumper RJ, and **Berzofsky JA**: Large intestine-targeted, nanoparticle-releasing oral vaccine to control genitorectal viral infection. Nat Med. In press. (VB)

CCR Nanobiology Program - Robert Blumenthal, Ph.D.

Lee JH, Oh H, Baxa U, Raghavan SR, and **Blumenthal R**: Biopolymer-Connected Liposome Networks as Injectable Biomaterials Capable of Sustained Local Drug Delivery. Biomacromolecules. In press. (CCRNP)

Zhang MY, Yuan T, Li J, Rosa Borges A, Watkins JD, Guenaga J, Yang Z, Wang Y, Wilson R, Li Y, Polonis VR, Pincus SH, Ruprecht RM, and **Dimitrov DS**: Identification and Characterization of a Broadly Cross-Reactive HIV-1 Human Monoclonal Antibody that Binds to both gp120 and gp41. PLoS One. 7(9): e44241, 2012. (CCRNP)

Varewijck AJ, Brugts MP, Frystyk J, Goudzwaard JA, Uitterlinden P, Waaijers AM, Feng Y, **Dimitrov DS**, Lamberts SWJ, Hofland LJ, and Janssen JAMJL: Circulating insulin-like growth factors may contribute substantially to insulin receptor isoform A and insulin receptor isoform B signalling. Mol. Cellular Endocrinology. In press. (CCRNP)

Blumenthal R, Durell S, and Viard M: HIV Viral Entry and Envelope Glycoprotein Mediated Fusion. J. Biol. Chemistry. In press. (CCRNP)

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

There were no submissions reported this month.

Radiation Oncology Branch - Kevin Camphausen, M.D.

Chung C, Jalali S, Foltz W, Burrell K, Wildgoose P, Lindsay P, Graves C, **Camphausen K**, Milosevic M, Jaffray D, Zadeh G, and Ménard C: Imaging Biomarker Dynamics in an Intracranial Murine Glioma Study of Radiation and Antiangiogenic Therapy. Int J Radiat Oncol Biol Phys. In press. (ROB)

Iwai A, Bourboulia D, Mollapour M, Jensen-Taubman S, Lee S, Donnelly AC, Yoshida S, Miyajima N, Tsutsumi S, Smith AK, Sun D, Wu X, Blagg BS, Trepel JB, **Stetler-Stevenson WG**, and **Neckers L**: Combined inhibition of Wee1 and Hsp90 activates intrinsic apoptosis in cancer cells. *Cell Cycle*. 11(19): 3649-3655, 2012. (ROB)

Kim YS, Nwe K, Milenic DE, **Brechbiel MW**, Satz S, and Baidoo KE: Synthesis and characterization of $\alpha(v)\beta(3)$ -targeting peptidomimetic chelate conjugates for PET and SPECT imaging. *Bioorg Med Chem Lett*. 22(17): 5517-5522, 2012. (ROB)

Portal-Nunez S, Shankavaram U, Rao M, Datrice N, Scott A, Aparicio M, **Camphausen KA**, Fernandez-Salguero PM, Chang H, **Lin P**, **Schrump DS**, Garantziotis S, Cuttitta F, and Zudaire E: Aryl hydrocarbon receptor-induced adrenomedullin mediates cigarette smoke carcinogenicity in humans and mice. *Cancer Res*. In press. (ROB)

John-Aryankalayil M, Palayoor ST, Makinde AY, Cerna D, Simone II CB, Falduto MT, Magnuson SR, and **Coleman CN**: Fractionated Radiation Alters Oncomir and Tumor Suppressor miRNAs in Human Prostate Cancer Cells. *Radiat Res*. 178(3): 105-117, 2012. (ROB)

Molecular Imaging Program - Peter Choyke, M.D.

Turkbey B, Huang R, Vourganti S, Trivedi H, Bernardo M, Yan P, Benjamin C, Pinto PA, and **Choyke PL**: Age-related changes in prostate zonal volumes as measured by high-resolution magnetic resonance imaging (MRI): a cross-sectional study in over 500 patients. *BJU Int*. In press. (MIP)

Kim A, Dombi E, Tepas K, Fox E, Martin S, Wolters P, Balis FM, Jayaprakash N, Turkbey B, Muradyan N, **Choyke PL**, Reddy A, Korf B, and **Widemann BC**: Phase I trial and pharmacokinetic study of sorafenib in children with neurofibromatosis type I and plexiform neurofibromas. *Pediatr Blood Cancer*. In press. (MIP)

Jagoda EM, Lang L, Bhadrasetty V, Histed S, Williams M, Kramer-Marek G, Mena E, Rosenblum L, Marik J, Tinianow JN, Merchant M, Szajek L, Paik C, Cecchi F, Raffensperger K, Jose-Dizon JM, Bottaro DP, and **Choyke P**: Immuno-PET of the Hepatocyte Growth Factor Receptor Met Using the 1-Armed Antibody Onartuzumab. *J Nucl Med*. In press. (MIP)

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

There were no submissions reported this month.

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

Hsu S, Kim M, Hernandez L, Grajales V, Noonan A, Anver M, Davidson B, and **Annunziata CM**: IKK $\{\nu\}$ coordinates invasion and metastasis of ovarian cancer. *Cancer Res.* In press. (MOB)

Zhuang Z, Yang C, Lorenzo F, **Merino M**, **Fojo T**, **Kebebew E**, Popovic V, Stratakis CA, Prchal JT, and Pacak K: Somatic HIF2A gain-of-function mutations in paraganglioma with polycythemia. *N Engl J Med.* 367(10): 922-930, 2012. (MOB)

Laboratory of Metabolism - Frank Gonzalez, Ph.D.

There were no submissions reported this month.

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

Cui F, Cole H, Clark D, and **Zhurkin V**: Transcriptional activation of yeast genes disrupts intragenic nucleosome phasing. *Nucl. Acids Res.* In press. (LCB)

Gopinath A, Xu G, Ress D, Oktem O, **Subramaniam S**, and Bajaj C: Shape-based regularization of electron tomographic reconstruction. *IEEE Trans Med Imaging.* In press. (LCB)

Kimchi-Sarfaty C and **Gottesman MM**: SV40 In Vitro Packaging: A Pseudovirion Gene Delivery System. *Cold Spring Harb Protoc.* In press. (LCB)

Ma J, Tang WK, Esser L, **Pastan I**, and **Xia D**: Characterization of crystals of an antibody-recognition fragment of the cancer differentiation antigen mesothelin in complex with the therapeutic antibody MORAb-009. *Acta Crystallogr Sect F Struct Biol Cryst Commun.* 68: 950-953, 2012. (LCB)

Ma J, Tang WK, Esser L, **Pastan I**, and **Xia D**: Recognition of mesothelin by the therapeutic antibody MORAb-009: structural and mechanistic insights. *J Biol Chem.* In press. (LCB)

Tang WK and **Xia D**: Structural and functional deviations in disease-associated p97 mutants. *J Struct Biol.* 179: 83-92, 2012. (LCB)

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

There were no submissions reported this month.

Laboratory of Biochemistry and Molecular Biology – Shiv Grewal, Ph.D.

There were no submissions reported this month.

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

Grontved L, Bandle R, John S, Baek S, Chung H-J, Liu Y, Aguilera G, **Oberholtzer C**, **Hager GL**, and **Levens D**: Rapid genome-scale mapping of chromatin accessibility in tissue. *Epigenetics Chromatin*. 5(10): 1-12, 2012. (LRBGE)

Sung MH and **Hager GL**: Nonlinear dependencies of kinetic reactions for context-specific NF- κ B signaling dynamics. *Sci Rep*. 2(616): 1-7, 2012. (LRBGE)

Quenet D, **McNally JG**, and **Dalal Y**: Through thick and thin: the conundrum of chromatin fiber folding. *EMBO Reports*. In press. (LRBGE)

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

Wang XW and Budhu A: Transforming the Microenvironment: A trick of the Metastatic Cancer Cell. *Cancer Cell*. 3: 279-280, 2012. (LHC)

Funamizu N, Hu Chaoxin, Lacy C, Schetter A, Zhang G, He P, Gaedcke J, Ghadimi MB, **Ried T**, Yfantis HG, Lee DH, Subleski J, Chan T, Weiss JM, Back TC, Yanaga K, Hanna N, Alexander HR, Maitra A, and **Hussain SP**: Macrophage migration inhibitory factor induces epithelial to mesenchymal transition, enhances tumor aggressiveness and predicts clinical outcome in resected pancreatic ductal adenocarcinoma. *Int J Cancer*. In press. (LHC)

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

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

Boltz VF, Ambrose Z, Kearney MF, Shao W, **KewalRamani VN**, **Maldarelli F**, Mellors JW, and Coffin JM: Ultrasensitive allele-specific PCR reveals rare preexisting drug resistant variants and a large replicating virus population in macaques infected with RT-SHIV. *J. Virol*. In press. (HVIB)

Delviks-Frankenberry K, Lengruher R, Santos A, Silveira J, Soares M, Kearney M, **Maldarelli F**, and **Pathak VK**: Connection subdomain mutations in HIV-1 subtype C treatment-experienced patients enhance NRTI and NNRTI drug resistance. *Virology*. In press. (HVIB)

Retroviral Replication Laboratory - Stephen Hughes, Ph.D.

O'Carroll IP, Crist RM, Mirro J, Harvin D, Soheilian F, Kamata A, Nagashima K, and **Rein A**: Functional redundancy in HIV-1 virus particle assembly. *J. Virol*. In press. (RRL)

Waki K, Durell SR, Soheilian F, Nagashima K, Butler SL, and **Freed EO**: Structural and functional insights into the HIV-1 maturation inhibitor binding pocket. *PLoS Pathog.* In press. (RRL)

Wang H, Jurado KA, Wu X, Shun M-C, Li X, Ferris AL, Smith SJ, Patel PA, Fuchs JR, Cherepanov P, Kvaratskhelia M, **Hughes SH**, and Engelman A: HRP2 determines the efficiency and specificity of HIV-1 integration in LEDGF/p75 knockout cells but does not contribute to the antiviral activity of a potent LEDGF/p75-binding site integrase inhibitor. *Nucleic Acids Res.* In press. (RRL)

Endocrine Oncology Branch – Electron Kebebew, M.D.

Zhuang Z, Yang C, Lorenzo F, **Merino M**, **Fojo T**, **Kebebew E**, Popovic V, Stratakis CA, Prchal JT, and Pacak K: Somatic HIF2A gain-of-function mutations in paraganglioma with polycythemia. *N. Engl. J Med.* 367(10): 922-930, 2012. (EOB)

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

There were no submissions reported this month.

Neuro-Oncology Branch – Teri Kreisl, M.D. (Acting Branch Chief)

There were no submissions reported this month.

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

There were no submissions reported this month.

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.

Molecular Targets Laboratory - James McMahon, Ph.D.

There were no submissions reported this month.

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

Peickert S, Waurig J, Dittfeld C, Dietrich A, Garbe Y, Kabus L, Baumann M, Grade M, **Ried T**, and Kunz-Schughart LA: Rapid re-expression of CD133 protein in colorectal cancer cell lines in vitro and in vivo. *Lab Invest.* In press. (GB)

Gaedcke J, Grade M, Camps J, Søkilde R, Kaczkowski B, Schetter AJ, Difilippantonio MJ, **Harris CC**, Ghadimi BM, Møller S, Beissbarth T, **Ried T**, and Litman T: The Rectal Cancer microRNAome - microRNA Expression in Rectal Cancer and Matched Normal Mucosa. *Clin Cancer Res.* 18(18): 4919-4930, 2012. (GB)

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

Malik M, Jividen K, Padmakumar VC, Cataisson C, Li L, Lee J, Howard OM, and **Yuspa SH**: Inducible NOS-induced chloride intracellular channel 4 (CLIC4) nuclear translocation regulates macrophage deactivation. *Proc Natl Acad Sci USA.* 109: 6130-6135, 2012. (LCBG)

Radiation Biology Branch - James Mitchell, Ph.D.

There were no submissions reported this month.

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

There were no submissions reported this month.

Laboratory of Genomic Integrity – Andre Nussenzweig, Ph.D.

Daniel JA, Pellegrini M, Lee BS, Guo Z, Filsuf D, Belkina NV, You Z, Paull TT, Sleckman BP, Feigenbaum F, and **Nussenzweig A**: Loss of ATM kinase activity leads to embryonic lethality in mice. *J. Cell Biol.* 198(3): 295-304, 2012. (LGI)

Callen E, Faryabi RB, Luckey M, Hao B, Daniel JA, Yang W, Sun WY, Dressler G, Peng W, Chi H, Ge K, Krangel MS, Park JH, and **Nussenzweig A**: PTIP controls thymocyte development and emigration by regulating DNA recombination, transcription and repair. *Immunity.* In press. (LGI)

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

Allison RD, Conry-Cantilena C, Koziol D, Schechterly C, Ness P, Gibble J, **Kleiner DE**, Ghany MG, and Alter HJ: A 25-year study of the clinical and histologic outcomes of hepatitis C virus infection and its modes of transmission in a cohort of initially asymptomatic blood donors. *J. Infect. Dis.* 206: 654-661, 2012. (LP)

Chalasanani N, Vuppalanchi R, Navarro V, Fontana R, Bonkovsky H, Barnhart H, **Kleiner DE**, and Hoofnagle JH: Acute liver injury due to flavocoxid (Limbrel), a medical food for osteoarthritis: a case series. *Ann. Intern. Med.* 156: 857-860, W297-300, 2012. (LP)

Georgoff P, Thomasson D, Louie A, Fleischman E, Dutcher L, Mani H, Kottlil S, Morse C, Dodd L, **Kleiner D**, and Hadigan C: Hydrogen-1 MR spectroscopy for measurement and diagnosis of hepatic steatosis. *Am. J. Roentgenol.* 199: 2-7, 2012. (LP)

Jaffe ES, Nicolae A, and Pittaluga S: Peripheral T-cell and NK-cell lymphomas in the WHO classification: Pearls and pitfalls. *Mod. Pathol.* In press. (LP)

Liu Q, Salaverria I, Pittaluga S, Jegalian AG, Xi L, Siebert R, Raffeld M, **Hewitt SM**, and **Jaffe ES**: Follicular lymphomas in children and young adults: A comparison of the pediatric variant with usual follicular lymphoma. *Am. J. Surg. Pathol.* In press. (LP)

Mirsaeidi M, Syed F, and **Jaffe ES**: Antineutrophil cytoplasmic autoantibody-associated systemic vasculitis is associated with Epstein-Barr virus in the setting of HIV infection. *Infect. Dis. Clin. Pract.* In press. (LP)

Navarathna DHMLP, Lionakis MS, Lizak MJ, Munasinghe, J, Nickerson KW, and **Roberts DD**: Urea amidolyase (Dur1, 2) contributes to virulence and kidney pathogenesis of *Candida albicans*. *PLoS One.* In press. (LP)

Soto-Pantoja DR, Stein EV, Rogers NM, Isenberg, JS, and **Roberts DD**: Therapeutic opportunities for targeting the ubiquitous cell surface receptor CD47. *Expert Opin. Ther. Targets.* In press. (LP)

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

Phung Y, Gao W, Man Y-G, Nagata S, and **Ho M**: High-affinity monoclonal antibodies to cell surface tumor antigen glypican-3 generated through a combination of peptide immunization and flowcytometry screening. *mAbs.* 4: 592-599, 2012. (LMB)

Ho M, Royston I, and Beck A: 2nd PEGS annual symposium on antibodies for cancer therapy. *mAbs.* 4: 562-570, 2012. (LMB)

Macvanin M and **Adhya S**: Architectural organization in *E. Coli* nucleoid. *Biochim. Biophys. Acta.* 1819: 830-835, 2012. (LMB)

Kim DW, Zhao L, Hanover J, Willingham M, and **Cheng SY**: Thyroid hormone receptor beta suppresses SV40-mediated tumorigenesis via novel nongenomic actions. *Am. J. Cancer Res.* 2: 606-619, 2012. (LMB)

Zhao L, Zhu X, Won PJ, Fozzatti L, Willingham M, and **Cheng SY**: Role of TSH in the spontaneous development of asymmetrical thyroid carcinoma in mice with a targeted mutation in a single allele of the thyroid hormone-beta receptor. *Endocrinology*. 153: 5090-5100, 2012. (LMB)

Chocron ES, Sayre NL, Holstein D, Saelim N, Ibdah JA, Dong LQ, Zhu X, **Cheng SY**, and Lechleiter JD: The trifunctional protein mediates thyroid hormone receptor-dependent stimulation of mitochondria metabolism. *Mol. Endocrinol.* 26: 1117-1128, 2012. (LMB)

Simone II CB, Morris JC, Stewart DM, Urquhart NE, Janik JE, **Kreitman RJ**, Lita E, Conlon K, Wharfe G, **Waldmann TA**, and Kaushal A: Radiation therapy for the management of patients with HTLV-1-associated adult T-cell leukemia/lymphoma. *Blood*. 120: 1816-1819, 2012. (LMB)

Cancer and Developmental Biology Laboratory - Alan Perantoni, Ph.D.

Miyoshi H, Ajima R, Luo CT-Y, **Yamaguchi TP**, and Stappenbeck TS: Wnt5a potentiates TGF-beta signaling to promote colonic crypt regeneration after tissue injury. *Science*. In press. (CDBL)

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

Esworthy RS, Kim BW, Rivas GE, Leto TL, **Doroshov JH**, and Chu FF: Analysis of candidate colitis genes in the *gdac1* locus of mice deficient in glutathione peroxidase-1 and -2. *PLoS One*. 7: e44262, 2012. (LMP)

Seol Y, Zhang H, **Pommier Y**, and Neuman KC: A kinetic clutch governs religation by type 1B topoisomerase and determines camptothecin sensitivity. *Proc. Natl. Acad. Sci. USA*. In press. (LMP)

Dickey JS, Baird BJ, Redon CE, Avdoshina V, Palchik G, Wu J, Kondratyev A, **Bonner WM**, and Martin OA: Susceptibility to bystander DNA damage is influenced by replication and transcriptional activity. *Nucl. Acids Res.* In press. (LMP)

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

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.

Gulley JL: Therapeutic vaccines: the ultimate personalized therapy? Human Vaccines & Immunotherapeutics. Volume 9, Issue 1. (LTIB)

Singh N, Hodge J, Madan R, and **Gulley JL:** Combining vaccines with therapies that render tumor cells more susceptible to immune mediated killing. In: Tumor Immunoenvironment. Shurin MR, Umansky V, Malyguine A. (Eds). (LTIB)

Chemical Biology Laboratory - Joel Schneider, Ph.D.

Yin Z, Nguyen HG, Chowdhury S, Bentley P, Bruckman MA, Miermont A, **Gildersleeve JC**, Wang Q, and Huang X: Tobacco mosaic virus as a new carrier for tumor associated carbohydrate antigens. Bioconjugate Chem. 23: 1694-1703, 2012. (CBL)

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.

Patel ES, Okada S, Hachey K, Yang LJ, **Durum SK**, Moreb JS, and Chang LJ: Regulation of in vitro human T cell development through interleukin-7 deprivation and anti-CD3 stimulation. BMC Immunol. 13: 46, 2012. (LMI)

Ruppert, SM, Li W, Zhang G, Carlson AL, Limaye A, **Durum SK**, and Khaled AR: The major isoforms of Bim contribute to distinct biological activities that govern the processes of autophagy and apoptosis in interleukin-7 dependent lymphocytes. Biochim Biophys Acta. 1823: 1877-1893, 2012. (LMI)

Liu M, Zhao J, Chen K, Bian X, Wang C, Shi Y, and **Wang J:** G protein-coupled receptor FPR1 as a pharmacologic target in inflammation and human glioblastoma. Int Immunopharmacol. 14: 283-288, 2012. (LMI)

Hudson RS, Yi M, Esposito D, Glynn SA, Starks AM, Yang Y, Schetter AJ, Watkins SK, **Hurwitz AA**, Dorsey TH, Stephens RM, Croce CM, and **Ambis S**: MicroRNA-106b-25 cluster expression is associated with early disease recurrence and targets caspase-7 and focal adhesion in human prostate cancer. *Oncogene*. In press. (LMI)

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

Lou H, Li H, Yeager M, Im K, Gold B, Schneider TD, Fraumeni Jr JF, Chanock SJ, **Anderson SK**, and **Dean M**: Promoter variants in the MSMB gene associated with prostate cancer regulate MSMB/NCOA4 fusion transcripts. *Hum Genet*. 131: 1453-1466, 2012. (LEI)

Shirota H and **Klinman DM**: Effect of CpG ODN on monocytic myeloid derived suppressor cells. *Oncoimmunology*. 1: 780-782, 2012. (LEI)

Björkström NK, Béziat V, Cichocki F, Liu LL, Levine J, Larsson S, Koup RA, **Anderson SK**, Ljunggren HG, and Malmberg KJ: CD8 T cells express randomly selected KIRs with distinct specificities compared to NK cells. *Blood*. In press. (LEI)

Schwarz J, Astermark J, Menius E, **Carrington M**, Donfield SM, Gomperts ED, Nelson GW, Oldenburg J, Pavlova A, Shapiro AD, **Winkler CA**, and Berntorp E: F8 haplotype and inhibitor risk: results from the hemophilia inhibitor genetics study (HIGS) combined cohort. *Haemophilia*. In press. (LEI)

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

There were no submissions reported this month.

Metabolism Branch - Thomas Waldmann, M.D.

de Lange J, Teunisse AF, Verlaan-de Vries M, Lodder K, Lam S, Luyten GPM, **Bernal F**, Jager MJ, and Jochemsen AG: High levels of Hdmx promote cell growth in a subset of uveal melanomas. *Am. J. Cancer Res*. 2(5): 492-507, 2012. (MB)

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

Tsai YC and **Weissman AM**: A Ubiquitin Binding Rhomboid Protease Aimed at ERADication. *Dev. Cell*. In press. (LPDS)

Macromolecular Crystallography Laboratory - Alexander Wlodawer, 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.

Mouse Cancer Genetics Program

There were no submissions reported this month.

Basic Research Laboratory

There were no submissions reported this month.

Emeritus Scientists

Victor Marquez

Wierda RJ, Kuipers HF, van Eggermond MCJA, Bernard A, van Leeuwen JC, Carluccio S, Geutskens SB, Jukema JW, **Marquez VE**, Quax PHA, and van den Elsen PJ: Epigenetic control of CCR5 transcript levels in immune cells and modulation by small molecules inhibitors. *J Cell Mol Med.* 16(8): 1866-1877, 2012. (CBL)

Svedlund J, Edblom SK, **Marquez VE**, Akerstrom G, Bjorklund P, and Westin G: Hypermethylated in Cancer 1 (HIC1), a tumor suppressor gene epigenetically deregulated in hyperparathyroid tumors by histone H3 lysine modification. *J Clin Endocrinol Metab.* 97(7): 1307-1315, 2012. (CBL)

Alimova I, Venkataraman S, Harris P, **Marquez VE**, Northcott PA, Dubuc A, Taylor MD, Foreman NK, and Vibhakar R: Targeting the enhancer of zeste homologue 2 in medulloblastoma. *Int J Cancer.* 131: 1800-1809, 2012. (CBL)