

GDBBS Student Peer-Reviewed Publications in Calendar Year 2006

BCDB

Abdulovic, Amy

Abdulovic, A, N Kim and S Jinks-Robertson. 2006. Mutagenesis and the three R's in yeast. *DNA Repair* 5(4): 409-421.

Abdulovic, Amy

Minesinger, BK, AL Abdulovic, TM Ou and S Jinks-Robertson. 2006. The effect of oxidative metabolism on spontaneous Pol zeta-dependent translesion synthesis in *Saccharomyces cerevisiae*. *DNA Repair* 5(2): 226-234.

Abdulovic, Amy

Abdulovic, AL and S Jinks-Robertson. 2006. The in vivo characterization of translesion synthesis across UV-induced lesions in *Saccharomyces cerevisiae*: insights into Pol zeta- and Pol eta-dependent frameshift mutagenesis. *Genetics* 172(3): 1487-1498.

Bockbrader, Katrina

Garg, P, M Rojas, A Ravi, K Bockbrader, S Epstein, M Vijay-Kumar, AT Gewirtz, D Merlin and SV Sitaraman. 2006. Selective ablation of matrix metalloproteinase-2 exacerbates experimental colitis: contrasting role of gelatinases in the pathogenesis of colitis. *Journal of immunology* 177(6): 4103-4112.

Cecchi, Paula

Cecchi, PM and WG Kelly. 2006. *emb-4* is a conserved gene required for efficient germline-specific chromatin remodeling during *Caenorhabditis elegans* embryogenesis. *Genetics* 174(4): 1895-1906.

Dalton, William

Liu, P, S Ramachandran, M Ali Seyed, CD Scharer, N Laycock, WB Dalton, H Williams, S Karanam, MW Datta, DL Jaye and CS Moreno. 2006. Sex-determining region Y box 4 is a transforming oncogene in human prostate cancer cells. *Cancer Research* 66(8): 4011-4019.

Delva, Emmanuella

Kottke, MD, E Delva and AP Kowalczyk. 2006. The desmosome: cell science lessons from human diseases. *Journal of Cell Science* 119(Pt 5): 797-806.

Jansen Spayd, Katherine

Jansen, KM and GK Pavlath. 2006. Mannose receptor regulates myoblast motility and muscle growth. *Journal of Cell Biology* 174(3): 403-413.

Larkins, Christine

Mills, RE, CT Luttig, CE Larkins, A Beauchamp, C Tsui, WS Pittard and SE Devine. 2006. An initial map of insertion and deletion (INDEL) variation in the human genome. *Genome Research* 16(9): 1182-1190.

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Lee, Sukkyoo

Lee, S, HS Shin, PK Shireman, A Vasilaki, H Van Remmen and ME Csete. 2006. Glutathione-peroxidase-1 null muscle progenitor cells are globally defective. *Free Radical Biology & Medicine* 41(7): 1174-1184.

Lee, Sukkyoo

Vasilaki, A, M Csete, D Pye, S Lee, J Palomero, F McArdle, H Van Remmen, A Richardson, A McArdle, JA Faulkner and MJ Jackson. 2006. Genetic modification of the manganese superoxide dismutase/glutathione peroxidase 1 pathway influences intracellular ROS generation in quiescent, but not contracting, skeletal muscle cells. *Free Radical Biology & Medicine* 41(11): 1719-1725.

Newell, Karen

Salazar, G, B Craige, ML Styers, KA Newell-Litwa, MM Doucette, BH Wainer, JM Falcon-Perez, EC Dell'Angelica, AA Peden, E Werner and V Faundez. 2006. BLOC-1 complex deficiency alters the targeting of adaptor protein complex-3 cargoes. *Molecular Biology of the Cell* 17(9): 4014-4026.

O'Loughlin, Taryn

O'Loughlin, TL, DN Greene and I Matsumura. 2006. Diversification and specialization of HIV protease function during in vitro evolution. *Molecular Biology and Evolution* 23(4): 764-772.

O'Loughlin, Taryn

O'Loughlin, TL and I Matsumura. 2006. HIV protease-activated molecular switches based on beta-glucuronidase and alkaline phosphatase. *Combinatorial Chemistry and High Throughput Screening* 9(4): 313-320.

O'Loughlin, Taryn

O'Loughlin, TL and I Matsumura. 2006. HIV protease-activated molecular switches based on beta-glucuronidase and alkaline phosphatase. *Combinatorial Chemistry & High Throughput Screening* 9(4): 313-320.

Southerland, Jeanine

Zeng, F, JA Southerland, RJ Voll, JR Votaw, L Williams, BJ Ciliax, AI Levey and MM Goodman. 2006. Synthesis and evaluation of two 18F-labeled imidazol[1,2-a]pyridine analogues as potential agents for imaging beta-amyloid in Alzheimer's disease. *Bioorganic & Medicinal Chemistry Letters* 16(11): 3015-3018.

Xing, Lei

Zhang*, H, L Xing*, W Rossoll, H Wichterle, RH Singer and GJ Bassell (*contributed equally to this work). 2006. Multiprotein complexes of the survival of motor neuron protein SMN with Gemins traffic to neuronal processes and growth cones of motor neurons. *Journal of Neuroscience* 26(33): 8622-8632.

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GMB

Cotney, Justin

Cotney, J and GS Shadel. 2006. Evidence for an early gene duplication event in the evolution of the mitochondrial transcription factor B family and maintenance of rRNA methyltransferase activity in human mtTFB1 and mtTFB2. *Journal of Molecular Evolution* 63(5): 707-717.

Khwaja, Fatima

Khwaja, FW, JD Nolen, SE Mendrinos, MM Lewis, JJ Olson, J Pohl, EG Van Meir, JC Ritchie and DJ Brat. 2006. Proteomic analysis of cerebrospinal fluid discriminates malignant and nonmalignant disease of the central nervous system and identifies specific protein markers. *Proteomics* 6(23): 6277-6287.

Khwaja, Fatima

Khwaja, FW, JS Duke-Cohan, DJ Brat and EG Van Meir. 2006. Attractin is elevated in the cerebrospinal fluid of patients with malignant astrocytoma and mediates glioma cell migration. *Clinical Cancer Research* 12(21): 6331-6336.

Khwaja, Fatima

Khwaja, FW, P Svoboda, M Reed, J Pohl, B Pyrzynska and EG Van Meir. 2006. Proteomic identification of the wt-p53-regulated tumor cell secretome. *Oncogene* 25(58): 7650-7661.

Miller, Rachel

Mercer, KB, RK Miller, TL Tinley, S Sheth, H Qadota and GM Benian. 2006. *Caenorhabditis elegans* UNC-98 is a new component of M-lines that interacts with UNC-98 and paramyosin and is required in adult muscle for assembly and/or maintenance of thick filaments. *Molecular Biology of the Cell* 17(9):3832-3847.

Miller, Rachel

Miller, RK, H Qadota, ML Landsverk, KB Mercer, HF Epstein and GM Benian. 2006. UNC-98 links an integrin-associated complex to thick filaments in *Caenorhabditis elegans* muscle. *Journal of Cell Biology* 175(6): 853-859.

Pulliam, Kanika

Hodel, AE, MT Harreman, KF Pulliam, ME Harben, JS Holmes, MR Hodel, KM Berland and AH Corbett. 2006. Nuclear localization signal receptor affinity correlates with in vivo localization in *Saccharomyces cerevisiae*. *Journal of Biological Chemistry* 281(33): 23545-23556.

Scharer, Christopher

Liu, P, S Ramachandran, M Ali Seyed, CD Scharer, N Laycock, WB Dalton, H Williams, S Karanam, MW Datta, DL Jaye and CS Moreno. 2006. Sex-determining region Y box 4 is a transforming oncogene in human prostate cancer cells. *Cancer Research* 66(8): 4011-4019.

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Smith, Lauren

Cornett, J, L Smith, M Friedman, JY Shin, XJ Li and SH Li. 2006. Context-dependent dysregulation of transcription by mutant huntingtin. *Journal of Biological Chemistry* 281(47): 36198-36204.

Su, Chen-Ying

Danzy, S, C-Y Su, S Park, S-Y Li, AM Ferraris and H Ly. 2006. Absence of pathogenic mutations of the human telomerase RNA gene (hTERC) in patients with chronic myeloproliferative disorders. *Leukemia* 20(5): 893-894.

Wasilenko, Jamie

Wasilenko, J and JL Fridovich-Keil. 2006. Relationship between UDP-galactose 4'-epimerase activity and galactose sensitivity in yeast. *Journal of Biological Chemistry* 281(13): 8443-8449.

IMP

Andrews, Nicolas

Byers AM, NP Andrews and AE Lukacher. 2006. CD94/NKG2A expression is associated with proliferative potential of CD8 T cells during persistent polyoma virus infections. *Journal of Immunology* 176(10): 6121-6129.

Aubert, Rachael

Crotty, S, MM McCausland, RD Aubert, EJ Wherry and R Ahmed. 2006. Hypogammaglobulinemia and exacerbated CD8 T-cell-mediated immunopathology in SAP-deficient mice with chronic LCMV infection mimics human XLP disease. *Blood* 108(9): 3085-3093.

Barber, Daniel

Barber DL, EJ Wherry, D Masopust, B Zhu, JP Allison, AH Sharpe, GJ Freeman, and R Ahmed. 2006. Restoring function in exhausted CD8T cells during chronic viral infection. *Nature* 439(7077):682-7.

Belser, Jessica

Hoelscher, MA, S Garg, DS Bangari, JA Belser, X Lu, I Stephenson, RA Bright, JM Katz, SK Mittal and S Sambhara. 2006. Development of adenoviral-vector-based pandemic influenza vaccine against antigenically distinct human H5N1 strains in mice. *Lancet* 367(9509): 475-481.

Coley, Shana

Kean, LS, K Hamby, B Koehn, E Lee, S Coley, L Stempora, AB Adams, E Heiss, TC Pearson and CP Larsen. 2006. NK cells mediate costimulation blockade-resistant rejection of allogeneic stem cells during nonmyeloablative transplantation. *American Journal of Transplantation* 6(2): 292-304.

Davis, James

Cosma, CL, LE Swaim, H Volkman, L Ramakrishnan and JM Davis. 2006. Zebrafish and frog models of *Mycobacterium marinum* infection. *Current Protocols in Microbiology* Unit 10B.2.

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Dunham, Richard

Dunham, R, P Pagliardini, S Gordon, B Sumpter, J Engram, A Moanna, M Paiardini, JN Mandl, B Lawson, S Garg, HM McClure, Y-X Xu, C Ibegbu, K Easley, N Katz, I Pandrea, C Apetrei, DL Sodora, SI Staprans, MB Feinberg and G Silvestri. 2006. The AIDS resistance of naturally SIV-infected sooty mangabeys is independent of cellular immunity to the virus. *Blood* 108(1): 209-217.

Evans, Andrew

Evans, AG, NJ Moorman, DO Willer and SH Speck. 2006. The M4 gene of gammaHV68 encodes a secreted glycoprotein and is required for the efficient establishment of splenic latency. *Virology* 344(2): 520-531.

Gordon, Shari

Dunham, R, P Pagliardini, S Gordon, B Sumpter, J Engram, A Moanna, M Paiardini, JN Mandl, B Lawson, S Garg, HM McClure, Y-X Xu, C Ibegbu, K Easley, N Katz, I Pandrea, C Apetrei, DL Sodora, SI Staprans, MB Feinberg and G Silvestri. 2006. The AIDS resistance of naturally SIV-infected sooty mangabeys is independent of cellular immunity to the virus. *Blood* 108(1): 209-217.

Lo, Michael

Ye, L, J Lin, Y Sun, S Bennouna, M Lo, Q Wu, Z Bu, B Pulendran, RW Compans and C Yang. 2006. Ebola virus-like particles produced in insect cells exhibit dendritic cell stimulation activity and induce neutralizing antibodies. *Virology* 351(2): 260-270.

Szretter, Kristy

Lu, X, LE Edwards, JA Desheva, DC Nguyen, A Rekstin, I Stephenson, K Szretter, NJ Cox, LG Rudenko, A Klimov and JM Katz. 2006. Cross-protective immunity in mice induced by live-attenuated or inactivated vaccines against highly pathogenic influenza A (H5N1) viruses. *Vaccine* 24(44-46): 6588-6593.

Zoller, Allison

Schnell, FJ, AL Zoller, SR Patel, IR Williams and GJ Kersh. 2006. Early growth response gene 1 provides negative feedback to inhibit entry of progenitor cells into the thymus. *Journal of Immunology* 176(8): 4740-4747.

Zoller, Allison

Zoller, AL and GJ Kersh. 2006. Estrogen induces thymic atrophy by eliminating early thymic progenitors and inhibiting proliferation of beta-selected thymocytes. *Journal of Immunology* 176(12): 7371-7378.

MMG

Goller, Carlos

Goller, C, X Wang, Y Itoh and T Romeo. 2006. The cation-responsive protein NhaR of *Escherichia coli* activates pgaABCD transcription, required for production of the biofilm adhesin poly-beta-1,6-N-acetyl-D-glucosamine. *Journal of Bacteriology* 188(23): 8022-8032.

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Wyman, Travis

Chen, G, A Kumar, TH Wyman and CP Moran JR . 2006. Spo0A-dependent activation of an extended - 10 region promoter in Bacillus subtilis. Journal of Bacteriology 188(4): 1411-1418.

MSP

Dean, Erika

Richardson, JR, WM Caudle, M Wang, ED Dean, KD Pennell and GW Miller. 2006. Developmental exposure to the pesticide dieldrin alters the dopamine system and increases neurotoxicity in an animal model of Parkinson's disease. FASEB Journal 20(10): 1695-1697.

Dunham, Jill

Moffett, M, L Stanek, J Harley, G Rogge, M Asnicar, H Hsiung and M Kuhar. 2006. Studies of cocaine- and amphetamine-regulated transcript (CART) knockout mice. Peptides 27(8): 2037-2045.

Harley, Jill

Moffett, MC, J Harley, D Francis, SP Sanghani, WI Davis and MJ Kuhar. 2006. Maternal separation and handling effects cocaine self-administration in both the treated pups as adults and the dams. Journal of Pharmacology & Experimental Therapeutics 317(3): 1210-1218.

Harley, Jill

Vicentic, A, D Francis, M Moffett, A Lakatos, G Rogge, GW Hubert, J Harley and MJ Kuhar. 2006. Maternal separation alters serotonergic transported densities and serotonergic 1A receptors in rat brain. Neuroscience 140(1): 355-365.

Hubbard, Katherine

Hubbard, KB and JR Hepler. 2006. Cell signalling diversity of the Gqalpha family of heterotrimeric G proteins. Cellular Signalling 18(2): 135-150.

Ide, Lucienne

Gangadharan, B, ET Parker, LM Ide, HT Spencer and CB Doering. 2006. High-level expression of porcine factor VIII from genetically modified bone marrow-derived stem cells. Blood 107(10): 3859-3864.

Lee, Sarah

Hague, C, SE Lee, Z Chen, SC Prinster, RA Hall and KP Minneman. 2006. Heterodimers of alpha1B- and alpha1D-adrenergic receptors form a single functional entity. Molecular Pharmacology 69(1): 45-55.

Lyle, Alicia

Lyle, AN and KK Griendling. 2006. Modulation of vascular smooth muscle signaling by reactive oxygen species. Physiology 21: 269-280.

Mitchell, Heather

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Mitchell, HA, TH Ahern, LC Liles, MA Javors and D Weinshenker. 2006. The effects of norepinephrine transporter inactivation on locomotor activity in mice. *Biological Psychiatry* 60(10): 1046-1052.

Mitchell, Heather

Ahern, TH, MA Javors, DA Eagles, J Martillotti, HA Mitchell, LC Liles and D Weinshenker. 2006. The effects of chronic norepinephrine transporter inactivation on seizure susceptibility in mice. *Neuropsychopharmacology* 31(4): 730-738.

Rogge, George

Vicentic, A, D Francis, M Moffett, A Lakatos, G Rogge, GW Hubert, J Harley and MJ Kuhar. 2006. Maternal separation alters serotonergic transporter densities and serotonergic 1A receptors in rat brain. *Neuroscience* 140(1): 355-365.

Rogge, George

Moffett, MC, MA Asnicar, H Hsiung, J Harley, G Rogge and MJ Kuhar. 2006. Studies of cocaine- and amphetamine-regulated transcript (CART) knockout mice. *Peptides* 27(8): 2037-2045.

Thomas, Shala

Marcus, AI, AM O'Brate, RM Buey, J Zhou, SL Thomas, FR Khuri, JM Andreu, F Diaz and P Giannakakou. 2006. Farnesyltransferase inhibitors reverse taxane resistance. *Cancer Research* 280(12): 8838-8846.

NHS

Corvalan, Camila

Uauy, R, J Rojas, C Corvalan, L Lera and J Kain. 2006. Prevention and control of obesity in preschool children: importance of normative standards. *Journal of Pediatric Gastroenterology & Nutrition* 43(Suppl 3): S26-S37.

Hoch, Nyssa

Guzik, TJ, NE Hoch, L McCann, S Dikalov, J Goronzy, C Weyand and DG Harrison. 2006. T cells play an important role in the pathogenesis of angiotensin II induced hypertension. *Circulation* 114(18): II-128-129.

Nguyen, Phuong

Nguyen, PH, KC Nguyen, B Le Mai, TV Nguyen, KH HA, C Bern, R Flores and R Martorell. 2006. Risk factors for anemia in vietnam. *Southeast Asian Journal of Tropical Medicine and Public Health* 37(6): 1213-1223.

Nguyen, Phuong

Nguyen, PH, KC Nguyen, TD Nguyen, MB Le, C Bern, R Flores and R Martorell. 2006. Intestinal helminth infections among reproductive age women in Vietnam: prevalence, co-

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infection and risk factors. *Southeast Asian Journal of Tropical Medicine and Public Health* 37(5): 865-874.

NS

Ahern, Todd

Ahern, TH, MA Javors, DA Eagles, J Martillotti, HA Mitchell, LC Liles and D Weinshenker. 2006. The effects of chronic norepinephrine transporter inactivation on seizure susceptibility in mice. *Neuropsychopharmacology* 31(4): 730-738.

Caudle, William

Savelieva, KV, WM Caudle and GW Miller. 2006. Altered ethanol-associated behaviors in vesicular monoamine transporter heterozygote knockout mice. *Alcohol* 40(2): 87-94.

Caudle, William

Richardson, JR, WM Caudle, M Wang, ED Dean, KD Pennell and GW Miller. 2006. Developmental exposure to the pesticide dieldrin alters the dopamine system and increases neurotoxicity in an animal model of Parkinson's disease. *FASEB Journal* 20(10): 1695-1697.

Caudle, William

Tillerson, JL, WM Caudle, JM Parent, C Gong, T Schallert and GW Miller. 2006. Olfactory discrimination deficits in mice lacking the dopamine transporter or the D2 dopamine receptor. *Behavioural Brain Research* 172(1): 97-105.

Caudle, William

Caudle, WM, JR Richardson, KC Delea, TS Guillot, M Wang, KD Pennell and GW Miller. 2006. Polychlorinated biphenyl-induced reduction of dopamine transporter expression as a precursor to Parkinson's disease-associated dopamine toxicity. *Toxicological Sciences* 92(2): 490-499.

Caudle, William

Elwan, MA, JR Richardson, TS Guillot, WM Caudle and GW Miller. 2006. Pyrethroid pesticide-induced alterations in dopamine transporter function. *Toxicology & Applied Pharmacology* 211(3): 188-197.

Cekic, Milos

Berns, GS, J Chappelow, M Cekic, CF Zink, G Pagnoni and ME Martin-Skurski. 2006. Neurobiological substrates of dread. *Science* 312(5774): 754-758.

Chien, Li-Ting

Qu, Z, LT Chien, Y Cui and HC Hartzell. 2006. The anion-selective pore of the bestrophins, a family of chloride channels associated with retinal degeneration. *Journal of Neuroscience* 26(20): 5411-5419.

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Chien, Li-Ting

Chien, LT, ZR Zhang and HC Hartzell. 2006. Single Cl⁻ channels activated by Ca²⁺ in Drosophila S2 cells are mediated by bestrophins. *Journal of General Physiology* 128(3): 247-259.

Cole, Charlene

Schank, JR, R Ventura, S Puglisi-Allegra, A Alcaro, CD Cole, LC Liles, P Seeman and D Weinshenker. 2006. Dopamine beta-hydroxylase knockout mice have alterations in dopamine signaling and are hypersensitive to cocaine. *Neuropsychopharmacology* 31(10): 2221-2230.

Dougherty, Kimberly

Cui, D, KJ Dougherty, DW Machacek, M Sawchuk, S Hochman and DJ Baro. 2006. Divergence between motoneurons: gene expression profiling provides a molecular characterization of functionally discrete somatic and autonomic motoneurons. *Physiol Genomics* 24: 276-289.

Gozal, Yair

Gozal, YM, D Cheng, DM Duong, JJ Lah, AI Levey and J Peng. 2006. Merger of laser capture microdissection and mass spectrometry: a window into the amyloid plaque proteome. *Methods in Enzymology* 412: 77-93.

Hue, Gillian

Hunter, RG, D Jones, A Vicentic, G Hue, D Rye and MJ Kuhar. 2006. Regulation of CART mRNA in the rat nucleus accumbens via D3 dopamine receptors. *Neuropharmacology* 50(7): 858-864.

Kelly, Michael

Qian, D, K Radde-Gallwitz, M Kelly, B Tyrberg, J Kim, WQ Gao and P Chen. 2006. Basic helix-loop-helix gene *Hes6* delineates the sensory hair cell lineage in the inner ear. *Developmental Dynamics* 235(6): 1689-1700.

Martin, Elizabeth

Hetzler, BE and EI Martin. 2006. Nicotine-ethanol interactions in flash-evoked potentials and behavior of Long-Evans rats. *Pharmacology, Biochemistry, and Behavior* 83: 76-89.

Offe, Katrin

Offe, K, SE Dodson, JT Shoemaker, JJ Fritz, M Gearing, AI Levey and JJ Lah. 2006. The lipoprotein receptor LR11 regulates amyloid beta production and amyloid precursor protein traffic in endosomal compartments. *Journal of Neuroscience* 26(5): 1596-1603.

Olzmann, James

Choi, J, MC Sullards, JA Olzmann, HD Rees, ST Weintraub, DE Bostwick, M Gearing, AI Levey, LS Chin and L Li. 2006. Oxidative damage of DJ-1 is linked to sporadic Parkinson and Alzheimer diseases. *Journal of Biological Chemistry* 281(16): 10816-10824.

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Rong, Juan

Sheng, G, GQ Chang, JY Lin, ZX Yu, ZH Fang, J Rong, SA Lipton, SH Li, G Tong, SF Leibowitz, XJ Li. 2006. Hypothalamic huntingtin-associated protein 1 as a mediator of feeding behavior. *Nature Medicine* 12(5): 526-533.

Rong, Juan

Rong, J, JR McGuire, ZH Fang, G Sheng, JY Shin, SH Li and XJ Li. 2006. Regulation of intercellular trafficking of huntingtin-associated protein-1 is critical for TrkA protein levels and neurite outgrowth. *Journal of Neuroscience* 26(22): 6019-6030.

Rong, Juan

McGuire, JR, J Rong, SH Li and XJ Li. 2006. Interaction of Huntingtin-associated protein-1 with kinesin light chain: implications in intracellular trafficking in neurons. *Journal of Biological Chemistry* 281(6): 3552-3559.

Webber, Elizabeth

Kirk, E, LS Chin and L Li. 2006. GRIF1 binds Hrs and is a new regulator of endosomal trafficking. *Journal of Cell Science* 119(Pt 22): 4689-4701.

PBEE

Harper, Kristin

Harper, KN, PS Ocampo, BM Steiner, RW George, MS Silverman, S Bolotin, A Pillay and GJ Armelagos. 2006. The origin of syphilis: a phylogenetic approach suggesting new world origin. *American Journal of Physical Anthropology* 129(S42): 101.

Harper, Kristin

Ocampo, PS, H Liu, KN Harper, RW George, GJ Armelagos and BM Steiner. 2006. Towards a solution to the syphilis enigma: trend in the arp gene suggests evolutionary relationships of the treponemes. *American Journal of Physical Anthropology* 129(S42): 140.

Levy, Michael

Levy, MZ, NM Bowman, V Kawai, LA Waller, JG Cornejo del Carpio, E Cordova Benzaquen, RH Gilman and C Bern. 2006. Periurban Trypanosoma cruzi-infected Triatoma infestans, Arequipa, Peru. *Emerging Infectious Diseases* 12(9): 1345-1352.

Mandl, Judith

Dunham, R, P Pagliardini, S Gordon, B Sumpter, J Engram, A Moanna, M Paiardini, JN Mandl, B Lawson, S Garg, HM McClure, Y-X Xu, C Ibegbu, K Easley, N Katz, I Pandrea, C Apetrei, DL Sodora, SI Staprans, MB Feinberg and G Silvestri. 2006. The AIDS resistance of naturally SIV-infected sooty mangabeys is independent of cellular immunity to the virus. *Blood* 108(1): 209-217.

McCollum, Andrea

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Zhou, Z, AC Poe, J Limor, KK Grady, I Goldman, AM McCollum, AA Escalante, JW Barnwell and V Udhayakumar. 2006. Pyrosequencing, a high-throughput method for detecting single nucleotide polymorphisms in the dihydrofolate reductase and dihydropteroate synthetase genes of *Plasmodium falciparum*. *Journal of Clinical Microbiology* 44(11): 3900-3910.

McCollum, Andrea

McCollum, AM, AC Poe, M Hamel, C Huber, Z Zhou, YP Shi, P Ouma, J Vulule, P Bloland, L Slutsker, JW Barnwell, V Udhayakumar and AA Escalante. 2006. Antifolate resistance in *Plasmodium falciparum*: multiple origins and identification of novel dhfr alleles. *Journal of Infectious Diseases* 194(2): 189-197.