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College of Medicine Faculty Publications (2012)

Borzak, Steven, M.D.

Hennekens, C. H., Hetzel, S., Pfeffer, M., Schneider, R., **Borzak, S.**, Schneider, W., Serebruany, V. & DeMets, D. (2012). Low-dose enteric-coated aspirin does not inhibit thromboxane B2 and prostaglandin E2: data-derived hypothesis formulation. *Clinical Investigation*, 2(7), 747-752.

Brennan, Lisa, Ph.D.

Brennan, L.A., McGreal, R.S., Kantorow, M. (2012). Oxidative stress defense and repair systems of the ocular lens. *Frontiers in bioscience (Elite edition)*, 4, 141-55.

Brennan, L.A., Kantorow, W.L., Chauss, D., McGreal, R., He, S., Mattucci, L., Wei, Riazuddin, S.A., Cvekl, A., Hejtmancik, J.F., Kantorow, M. (2012). Spatial expression patterns of autophagy genes in the eye lens and induction of autophagy in lens cells. *Molecular vision*, 18, 1773-86.

Brew, Keith, Ph.D.

Ashutosh, S., Chiao, C., Borgmann, K., **Brew, K.**, & Ghorpade, A. (2012). Tissue inhibitor of metalloproteinases-1 protects human neurons from staurosporine and HIV-1-induced apoptosis: Mechanisms and relevance to HIV-1-associated dementia. *Cell Death and Disease*, 3, 1-9.

Caputi, Massimo, Ph.D.

Panelli, D., Lorusso, F.P., Papa, F., Panelli, P., Stella, A., **Caputi, M.**, Sardanelli, A.M., & Papa, S. (2012). The mechanism of alternative splicing of the x-linked NDUFB11 gene of the respiratory chain complex I, impact of rotenone treatment in neuroblastoma cells. *Biochimica et Biophysica Acta*, 1829(2).

Narayanan, A., Sampey, G., Van Duyne, R., Guendel, I., Kehn-Hall, K., Roman, J., Curren, R., Galons, H., Oumata, N., Joseph, B., Meijer, L., **Caputi, M.**, Nekhai, S., & Kashanchi, F. Use of ATP analogs to inhibit HIV-1 transcription. *Virology*, 432(1), 219-231.

Ceylon, Isgor, Ph.D.

Aydin, C., Oztan, O., & **Isgor, C.** (2012). Long-term effects of juvenile nicotine exposure on abstinence-related social anxiety-like behavior and amygdalar cannabinoid receptor 1 (CB1R) mRNA expression in the novelty-seeking phenotype. *Behavioural brain research*, 228(1), 236-239.

Aydin, C., Oztan, O., & **Isgor, C.** (2012). Nicotine-induced anxiety-like behavior in a rat model of the novelty-seeking phenotype is associated with long-lasting neuropeptidergic and neuroplastic adaptations in the amygdala: effects of the cannabinoid receptor 1 antagonist AM251. *Neuropharmacology*, 63(8), 1335-1345.

Chiplock, Amanda, MLIS

Chiplock, A. (2012). Inkling [Review]. *Journal of the Medical Library Association*, 100(4), 327-328.

Chiplock, A., & Ettien, A. (2012). The National Academies Press Free E-books Collection as a Resource for Medical Libraries. *Journal of Electronic Resources in Medical Libraries*, 9(1), 65-76.

Dardano, Anthony, D.O., F.A.C.S.

Dardano, A.N. (2012). Techniques for Using Biologics in Ventral Hernia Repair. *General Surgery News*.

Foster, Jennifer, M.D.

Meara, A., Harrington, D., **Foster, J.**, Vachharajani, T., & Desai, T. (2012). A Case of Pulmonary Hemorrhage and Renal Failure. *The Open Urology & Nephrology Journal*, 5, 40-47.

Goldman, Daniel, M.D.

Francis, C.K., Kuo, Y., Azzam, I., Selim, S., Patel, N., Beri, R., Goldman, D., Girgis, I., Daniels, S. (2012). Brain Natriuretic Peptide and Biomarkers of Myocardial Ischemia Increase after Defibrillation Threshold Testing. *PACE*, 3, 314-3195.

Hennekens, C.H.

Hennekens CH. (2012). Aspirin in the primary prevention of myocardial infarction. *Clin Chem*, 58(1), 303-304.

Hennekens CH, Andreotti F, Barice J. (2012). Metabolic Syndrome: The new silent killer. *Medical Roundtable, Gen Med Ed*, 1(1), 28-33.

Dalen J, Mora S, **Hennekens CH.** (2012). Aspirin in the primary prevention of cardiovascular disease. *Medical Roundtable, Gen Med ed.* 1(1), 59-65.

Hennekens CH, Baigent C. (2012). Prevention: Aspirin in primary prevention: good news and bad news. *Nature Reviews: Cardiology* 9(5), 262-263.

Hennekens CH, Hetzel S, Pfeffer M, Schneider R, Borzak S, Schneider W, Serebruany V, DeMets D. (2012). Low dose enteric coated aspirin does not inhibit thromboxane B2 or prostaglandin E2: Data derived hypothesis formulation. *Clin Invest*, 2, 747-752.

Holland, Peter, M.D.

Dunlop B.W., Holland P.J., Bao, W., Ninan P.T., Keller, M.B. (2012). Recovery and subsequent recurrence in patients with recurrent major depressive disorder. *Journal of Psychiatric Research*, 46(6), 708-15.

Huang, Xupei, M.D., Ph.D.

Chen, G., Nan, C., Tian, J., Jean-Charles, P., Li, Y., Weissbach, H., **Huang, X.P.** (2012). Protective effects of taurine against oxidative stress in the heart of MsrA knockout mice. *Journal of Cellular Biochemistry*, 113(11), 3559-66.

Zhou, K., Wu, G., Li, Y., Zhao, L., Zhou, R., Zhu, Q., **Huang, X.**, Mu, D., Hua, Y. (2012). Protective effects of indomethacin and dexamethasone in a goat model with intrauterine balloon aortic valvuloplasty. *Journal of Biomedical Science*, 19(1), 74.

Wang, L., Sun, H., Pan, B., Zhu, J., Huang, G., **Huang, X.**, Tian, J. (2012). Inhibition of histone acetylation by curcumin reduces alcohol-induced expression of heart development-related transcription factors in cardiac progenitor cells. *Biochemical and Biophysical Research Communications*, 424(3), 593-6.

Chen, G., Li, Y., Tian, J., Zhang, L., Jean-Charles, P., Gobara, N., Nan, C., Jin, J-P., **Huang, X.P.** (2012). Application of Echocardiography on Transgenic Mice with Cardiomyopathies. *Biochemistry Research International*, 2012, 715197.

Lemanski, L.F., Zhang, C., Kochegarov, A., Moses, A., Lian, W., Meyer, J., Jia, P., Jia, Y., Li, Y., Webster, K.A., **Huang, X.**, Hanna, M., Achary, M.P., Lemanski, S.L., & Weissbach, H. (2012). Chapter: Protection of Mouse Embryonic Stem Cells from Oxidative Stress by Methionine Sulfoxide Reductases. In *Oxidative Stress - Molecular Mechanisms and Biological Effects*, ISBN: 978-953-51-0554-1.

Jean-Charles, P.Y., Li, Y., Nan, C., Gobara, N., & **Huang, X.** (2012). Cardiac Troponin I C-Terminal Mutations (K178E and K179E) Cause Severe Heart Failure and Early Mortality in Transgenic Mice. *Biophysical Journal*, 102(3), 560a.

Jin, J.P., Bloch, R.J., **Huang, X.**, & Larsson, L. (2012). Muscle Contractility and Cell Motility. *BioMed Research International*, 2012, 257812.

Iragavarapu-Charyulu, V, Ph.D.

Libreros, S., Garcia-Areas, R., Shibata, Y., Carrio, R., Torroella-Kouri, M. and **Iragavarapu-Charyulu, V.** (2012). Induction of proinflammatory mediators by CHI3L1 is reduced by chitin treatment: Decreased tumor metastasis in a breast cancer model. *Int. J. Cancer*, 131, 377-386.

Kantorow, Marc, Ph.D.

Kantorow, M., Lee, W., & Chauss, D. (2012). Focus on molecules: methionine sulfoxide reductase A. *Experimental eye research*, 100, 110.

Brennan, L.A., Kantorow, W.L., Chauss, D., McGreal, R., He, S., Mattucci, L., Wei, J., Riazuddin, S.A., Cvekl, A., Hejtmancik, J.F., **Kantorow, M.** (2012, June). Spatial expression patterns of autophagy genes in the eye lens and induction of autophagy in lens cells. *Molecular vision*, 18, 1773-86.

McGreal, R. S., Kantorow, W. L., Chauss, D. C., Wei, J., Brennan, L. A., & **Kantorow, M.** (2012). α B-crystallin/sHSP protects cytochrome c and mitochondrial function against oxidative stress in lens and retinal cells. *Biochimica et Biophysica Acta (BBA)-General Subjects*, 1820(7), 921-930.

Brennan, L.A., McGreal, R.S., **Kantorow, M.** (2012, January). Oxidative stress defense and repair systems of the ocular lens. *Frontiers in bioscience (Elite edition)*, 4, 141-55.

Li, Zhongwei, Ph.D.

Alluri, R. K., & **Li, Z.** (2012). Novel one-step mechanism for tRNA 3'-end maturation by the exoribonuclease RNase R of *Mycoplasma genitalium*. *Journal of Biological Chemistry*, 287(28), 23427-23433.

Liu, M., Gong, X., Alluri, R. K., Wu, J., Sablo, T., & **Li, Z.** (2012). Characterization of RNA damage under oxidative stress in *Escherichia coli*. *Biological Chemistry*, 393(3), 123-132.

Bartra, S. S., Gong, X., Lorica, C. D., Jain, C., Nair, M. K., Schifferli, D., Qian, L., **Z, Li.**, Plano, G.V., & Schesser, K. (2012). The outer membrane protein A (OmpA) of *Yersinia pestis* promotes intracellular survival and virulence in mice. *Microbial pathogenesis*, 52(1), 41-46.

Lizotte-Waniewski, M.

Thiyagarajan, N., Pham, T.T.K., Stinson, B., Sundriyal, A., Tumbale, P., & **Lizotte-Waniewski, M.** (2012). Structure of a metal-independent bacterial glycosyltransferase that catalyzes the synthesis of histo-blood group A antigen. *Scientific Reports*, 2(940), 1-9.

Newcomer, John, M.D.

Strassing, M.T., Caceda, R., **Newcomer, J.W.**, & Harvey, P.D. (2012). Cognitive deficits, obesity and disability in schizophrenia. *Translational Neuroscience*, 3(4), 345-354.

Nicol, G., Edler, J., Kymes, S.M., **Newcomer, J.W.** (2012). Economic evaluation of antipsychotic treatment in pediatric disruptive behavior disorders. *59th Meeting of American Academy of Child and Adolescent Psychiatry*.

Strassing, M.T., **Newcomer, J.W.**, Harvey, P.D. (2012). Exercise improves physical capacity in obese patients with schizophrenia: Pilot study. *Schizophrenia Research*, 141(2-3), 284-5.

Lenze, E.J., Skidmore, E.R., Begley, A.E., **Newcomer, J.W.**, Bitters, M.A., & Whyte, E. (2012). Memantine for late-life depression and apathy after a disabling medical event: A 12-week, double-blind placebo-controlled pilot study. *International Journal of Geriatric Psychiatry*, 27(9), 974-80.

Mathews, J., **Newcomer, J.W.**, Mathews, J.R., Fales, C.L., Pierce, K.J., Akers, B.K. (2012). Neural correlates of weight gain with olanzapine. *Archives of general psychiatry*, 69(12), 1-11.

Gohlke, J.M., Dhurandhar, E.J., Correll, C.U., Morrato, E.H., **Newcomer, J.**, & Remington, G. (2012). Recent advances in understanding and mitigating adipogenic and metabolic effects of antipsychotic drugs. *Frontiers in Psychiatry*, 3(62), 1-12.

Pappadopulos, E., **Newcomer, J.W.**, & Kolluri, S. (2012). Changes in weight, plasma lipids, and glucose in adults treated with ziprasidone: A comprehensive analysis of Pfizer-initiated clinical trials. *The Journal of Clinical Psychiatry*, 76(6), e742-8.

Lenze, E.J., Dixon, D., Mantella, R.C., Dore, P.M., Andreescu, C., Reynolds, C.F., **Newcomer, J.W.**, & Butters, M.A. (2012). Treatment-related alteration of cortisol predicts change in neuropsychological function during acute treatment of late-life anxiety disorder. *International Journal of Geriatric Psychiatry*, 27(5), 454-62.

Mangurian, C., Chaudhry, S., Capitelli, L., Amiel, J., Rosario, F., Jackson, C., **Newcomer, J.W.**, Cournos, F., Essock, S., Barrett, D., Devlin, M. (2012). Implementation of a weight loss program for latino outpatients with severe mental illness. *Community Mental Health Journal*, 49, 150-156.

Nouri-Shirazi, Mahyar, Ph.D.

Nouri-Shirazi, M. & Guinet, E. (2012, March). Exposure to nicotine adversity affects the dendritic cell system and compromises host response to vaccination. *The Journal of Immunology*, 188(5), 2359-70.

Shibata, Y., Kogiso, M., Huang, C. J., **Nouri-Shirazi, M.**, Mizoguchi, E., & Dorey, C. K. (2012). Macrophage chitin binding proteins in phagocytosis and M1 activation in response to chitin microparticles. *The Journal of Immunology*, 188(Meeting Abstracts 1), 172-27.

Nouri-Shirazi, M., Nourishirazi, E., Lang, K., & Guinet, E. (2012). Candidate adjuvant restores DC-NK cross-talk and improves immunization outcomes in nicotine-exposed hosts. *The Journal of Immunology*, 188(Meeting Abstracts 1), 53-14.

Oleinikov, Andrew V., Ph.D.

Fried, M., Avril, M., Chaturvedi, R., Fernandez, P., Lograsso, J., Narum, D., Nielsen, M.A., **Oleinikov, A.V.**, Resende, M., Salanti, A., Saveria, T., Williamson, K., Dicko, A., Scherf, A., Smith, J.D., Theander, T.G., Duffy, P.E. (2012, December). Preclinical evaluation of pregnancy malaria vaccine immunogens: a multi-laboratory approach. *Infection and immunity*, IAI-01106.

Oleinikov, A.V., Voronkova, V.V., Frye, I.T., Amos, E., Morrison, R., Fried, M., Duffy, P.E. (2012, January). A plasma survey using 38 PfEMP1 domains reveals frequent recognition of the Plasmodium falciparum antigen VAR2CSA among young Tanzanian children. *PLoS ONE* 7(1), e31011.

Ouslander, Joseph, G., M.D.

Ouslander, J.G. & Maslow, K. (2012). Geriatrics and the triple aim: Defining preventable hospitalizations in the long-term care population. *Journal of the American Geriatrics Society*, 60(12), 2313-2318.

Walsh, E. G., Wiener, J. M., Haber, S., Bragg, A., Freiman, M. and **Ouslander, J. G.** (2012), Potentially Avoidable Hospitalizations of Dually Eligible Medicare and Medicaid Beneficiaries from Nursing Facility and Home- and Community-Based Services Waiver Programs. *Journal of the American Geriatrics Society*, 60, 821–829.

- Ouslander, J. G.** (2012), Transitions of a Medical Mama. *Journal of the American Geriatrics Society*, 60, 1971–1972.
- Hain, D.J., Tappen, R., Diaz, S., **Ouslander, J.G.** (2012). Cognitive Impairment and Medication Self-Management Errors in Older Adults Discharged Home from a Community Hospital. *Home Healthcare Nurse*, 30(4), 246–254.
- Park, J., Hain, D. J., Tappen, R., Diaz, S., & **Ouslander, J. G.** (2012). Factors Associated With 30-Day Hospital Readmissions Among Participants in a Care Transition Quality Improvement Program. *Journal of the Society for Social Work and Research*, 3(4), 308-328.
- Diaz, S., & **Ouslander, J. G.** (2012). Characteristics of older adults rehospitalized within 7 and 30 days of discharge: Implications for nursing practice. *Journal of gerontological nursing*, 38(8), 32.
- Binder, E.F., White, H.K., Resnick, B., McClellan, W.M., Lei, L., & **Ouslander, J.G.** (2012). A Prospective Study of Outcomes of Nursing Home Residents with Chronic Kidney Disease with and without Anemia. *J Am Geriatr Soc*, 60, 877-883.
- Tena-Nelson, R., Santos, K., Weingast, E., Amrhein, S., **Ouslander, J.**, & Boockvar, K. (2012). Reducing Potentially Preventable Hospital Transfers: Results of a Nursing Home Collaborative. *J Amer Med Dir Assoc*, 13, 651-656.
- Saliba, D., Jones, M., Streim, J., **Ouslander, J.**, Berlowitz, D., & Buchanan, J. (2012). Overview of Significant Changes in the Minimum Data Set for Nursing Homes. *J Amer Med Dir Assoc*, 13, 595-601.
- Saliba, D., Buchanan, J., Edelen, M., Streim, J., **Ouslander, J.**, berlowitz, D., and Chodosh, J. (2012). MDS 3.0: Brief Interview for Mental Status. *J Amer Med Dir Assoc*, 13, 611-617.
- Toles, M., Young, H.M., **Ouslander J.** (2012). Improving Care Transitions in Nursing Homes. *Generations*, 36, 78-85.
- Kane, R.L. & **Ouslander, J.G.** (2012). Dementia as a Moving Target. *J Am Geriatr Soc*, 60, 980-982.

Pergadia, Michele, Ph.D.

Wray, NR, **Pergadia, ML**, Blackwood, DHR, Penninx, BWJH, Gordon SD, Nyholt, DR , Ripke, S, MacIntyre, DJ, McGhee, KA, Maclean, AW, Smit, JH, Hottenga, JJ, Willemsen, G, Middeldorp, CM,

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de Geus, EJC, Lewis, CM, McGuffin, P, Hickie, IB, van den Oord, EJCG, Liu, J, Macgregor, S, McEvoy, BP, Byrne, EM, Medland, SE, Statham, DJ, Henders, AK, Heath, AC, Montgomery, GW, Martin, NG, Boomsma, DI, Madden, PAF, Sullivan, PF. (2012). Genome-wide association study of major depressive disorder: New results, meta-analysis, and lessons learned. *Molecular Psychiatry*, 17(1), 36-48.

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Scherrer, J.F., Xian, H., Pan, H., **Pergadia, M.L.**, Madden, P.A.F., Grant, J.D., Sartor, C.E., Haber, J.R., Jacob, T., Bucholz, K.K. (2012). Parent, sibling and peer influences on smoking initiation, regular smoking and nicotine dependence. Results from a Genetically Informative Design. *Addictive Behaviors*, 37(3), 240-247.

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Montgomery GW, Muley T, Murray T, Nauck M, North K, **Pergadia M**, Polasek O, Ramos EM, Ripatti S, Risch A, Ruczinski I, Rudan I, Salomaa V, Schlessinger D, Styrkársdóttir U, Terracciano A, Uda M, Willemsen G, Wu X, Abecasis G, Barnes K, Bickeböller H, Boerwinkle E, Boomsma DI, Caporaso N, Duan J, Edenberg HJ, Francks C, Gejman PV, Gelernter J, Grabe HJ, Hops H, Jarvelin MR, Viikari J, Kähönen M, Kendler KS, Lehtimäki T, Levinson DF, Marazita ML, Marchini J, Melbye M, Mitchell BD, Murray JC, Nöthen MM, Penninx BW, Raitakari O, Rietschel M, Rujescu D, Samani NJ, Sanders AR, Schwartz AG, Shete S, Shi J, Spitz M, Stefansson K, Swan GE, Thorgeirsson T, Völzke H, Wei Q, Wichmann HE, Amos CI, Breslau N, Cannon DS, Ehringer M, Grucza R, Hatsukami D, Heath A, Johnson EO, Kaprio J, Madden P, Martin NG, Stevens VL, Stitzel JA, Weiss RB, Kraft P, Bierut, L.J. (2012). Increased genetic vulnerability to smoking at *CHRNA5* in early-onset smokers. *Archives of General Psychiatry*, 69 (8), 854-60.

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Keskitalo-Vuokko, K., Hällfors, J., Boms, U., **Pergadia, M.L.**, Saccone, S.F., Loukola, A., Madden, P.A.F, Kaprio, J. (2012). Chromosome 20 shows linkage with DSM-IV nicotine dependence in Finnish adult smokers. *Nicotine and Tobacco Research*, 14(2), 153-160.

Prentice, Howard, Ph.D.

Buddhala, C., Suarez, M., Modi, J., **Prentice, H.**, Ma, Z., Tao, R., & Wu, J. Y. (2012). Calpain cleavage of brain glutamic acid decarboxylase 65 is pathological and impairs GABA neurotransmission. *PLoS one*, 7(3), e33002.

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Robinson, Philip, M.D.

Haspel, A.C., Coviello, V.F., Stevens, M., **Robinson, P.G.** (2012). Myofibroma of the mandible in an infant: Case report, Review of the literature, and discussion. *J Oral Maxillofac Surg*, 70, 1599-604.

Schmidt-Kastner, Rainald, M.D.

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Shibata, Yoshimi, Ph.D.

Nagatani, K., Wang, S., Llado, V., Lau, C. W., Li, Z., Mizoguchi, A., Nagler, C. R., **Shibata, Y.**, Reinecker, H.-C., Mora, J. R. and Mizoguchi, E. (2012). Chitin microparticles for the control of intestinal inflammation. *Inflamm Bowel Dis*, 18, 1698–1710.

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Tao, Rui, Ph.D.

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