

University of Georgia
INTERDISCIPLINARY TOXICOLOGY FACULTY PUBLICATIONS
2013 - 2014

Michael Bartlett:

1. Chen B, Chen G, Bartlett MG. Factors influencing the electrokinetic injection of oligonucleotides in capillary gel electrophoresis when using laser-induced fluorescence detection. *Biomed Chromatogr.* 2014 Mar;28(3):320-3. doi: 10.1002/bmc.3036. Epub 2013 Oct 9. PMID: 24123161 [PubMed - in process]
2. McGinnis AC, Cummings BS, Bartlett MG. Ion exchange liquid chromatography method for the direct determination of small ribonucleic acids. *Anal Chim Acta.* 2013 Oct 17;799:57-67. doi: 10.1016/j.aca.2013.08.040. Epub 2013 Aug 31. PMID: 24091375 [PubMed - in process]
3. Li P, Albrecht BJ, Yan X, Gao M, Weng HR, Bartlett MG. A rapid analytical method for the quantification of paclitaxel in rat plasma and brain tissue by high-performance liquid chromatography and tandem mass spectrometry. *Rapid Commun Mass Spectrom.* 2013 Oct 15;27(19):2127-34. doi: 10.1002/rcm.6671. PMID: 23996385 [PubMed - in process]
4. Zastre JA, Hanberry BS, Sweet RL, McGinnis AC, Venuti KR, Bartlett MG, Govindarajan R. Up-regulation of vitamin B1 homeostasis genes in breast cancer. *J Nutr Biochem.* 2013 Sep;24(9):1616-24. doi: 10.1016/j.jnutbio.2013.02.002. Epub 2013 May 1. PMID: 23642734 [PubMed - in process]
5. Chen B, Bartlett MG. Evaluation of mobile phase composition for enhancing sensitivity of targeted quantification of oligonucleotides using ultra-high performance liquid chromatography and mass spectrometry: application to phosphorothioate deoxyribonucleic acid. *J Chromatogr A.* 2013 May 3;1288:73-81. doi: 10.1016/j.chroma.2013.03.003. Epub 2013 Mar 13. PMID: 23528868 [PubMed - indexed for MEDLINE]
6. Chen B, Mason SF, Bartlett MG. The effect of organic modifiers on electrospray ionization charge-state distribution and desorption efficiency for oligonucleotides. *J Am Soc Mass Spectrom.* 2013 Feb;24(2):257-64. doi: 10.1007/s13361-012-0509-5. Epub 2013 Jan 17. PMID: 23325666 [PubMed - indexed for MEDLINE]

Marsha Black:

1. Shoults-Wilson WA, Seymour L, Unrine JM, Wisniewski JM, Black MC. Improving data resolution and statistical rigor in the analysis of bivalve shells as environmental archives. *Environ Sci Process Impacts.* 2014 Jan 29;16(2):247-55. doi: 10.1039/c3em00423f. PMID: 24305745
2. Goolsby EW, Mason CM, Wojcik JT, Jordan AM, Black MC. Acute and chronic effects of diphenhydramine and sertraline mixtures in *Ceriodaphnia dubia*. *Environ Toxicol Chem.* 2013 Dec;32(12):2866-9. doi: 10.1002/etc.2378. Epub 2013 Oct 18. PMID: 23996615 [PubMed - in process]
3. Baird S, Garrison A, Jones J, Avants J, Bringolf R, Black M. Enantioselective toxicity and bioaccumulation of fipronil in fathead minnows (*Pimephales promelas*) following water and sediment exposures. *Environ Toxicol Chem.* 2013 Jan;32(1):222-7. doi: 10.1002/etc.2041. Epub 2012 Nov 21. PMID: 23109279

Robert Bringolf:

1. Hazelton, P.D., B. Du, S.P. Haddad, A.K. Fritts, C.K. Chambliss, B.W. Brooks, R.B. Bringolf. 2014. Chronic fluoxetine exposure alters movement and burrowing in adult freshwater mussels. *Aquatic Toxicology*. Published online Dec. 2013: <http://dx.doi.org/10.1016/j.aquatox.2013.12.019>
2. Fritts, A.K., M.C. Barnhart, M. Bradley, N. Liu, W.G. Cope, E. Hammer, R.B. Bringolf. 2014. Assessment of toxicity test endpoints for freshwater mussel larvae (glochidia). *Environmental Toxicology and Chemistry* 33(1): 199-207.
3. Fritts, M.W., A.K. Fritts, S.A. Carleton, and R.B. Bringolf. 2013. Shifts in stable isotope signatures of freshwater mussel glochidia during attachment to host fish. *Journal of Molluscan Studies* 79(2): 163-167.
4. Hazelton, P.D., W.G. Cope, S. Mosher, T.J. Pandolfo, J.B. Belden, M.C. Barnhart, and R.B. Bringolf. 2013. Effects of fluoxetine on freshwater mussels. *Science of the Total Environment* 445-446: 94-100.
5. Baird, S., J. A.W. Garrison, J. Jones, J. Avants, R.B. Bringolf, and M.C. Black. 2013. Enantioselective toxicity and bioaccumulation of fipronil in fathead minnows (*Pimephales promelas*) following water and sediment exposures. *Environmental Toxicology and Chemistry* 32:222-227.

James Bruckner:

1. Zastre, J., Dowd, C., Bruckner, J.V. and Popovici, A.: Lack of P- glycoprotein mediated efflux and the potential involvement of an influx transport process contributing to the intestinal uptake of deltamethrin, cis-permethrin, and transpermethrin. *Toxicol. Sci.* 136: 284-293 (2013).
2. Bruckner, J.V., Anand, S.S. and Warren, D.A.: Toxic effects of solvents and vapors. Ch. 24, in *Casarett and Doull's Toxicology: The Basic Science of Poisons*, (Klaassen, C.D., ed.), 8th edition, McGraw-Hill, New York (2013).
3. Bruckner, J.V.: Organic solvents. Ch. 11, in *Mammalian Toxicology*, (Abou-Donia, M.B., ed.), 1st edition, Wiley and Sons, Ltd., New York (2013).
4. Brownell J, Bruckner J, Wagoner J, Thomas E, Loo YM, Gale M Jr, Liang TJ, Polyak SJ. Direct, Interferon-Independent Activation of the CXCL10 Promoter by NF- κ B and Interferon Regulatory Factor 3 during Hepatitis C Virus Infection. *J Virol.* 2014 Feb;88(3):1582-90. doi: 10.1128/JVI.02007-13. Epub 2013 Nov 20. PMID: 24257594 [PubMed - in process]

Brian Cummings:

1. J.N. Mock, L.J. Costyn, S.L. Wilding, R.D. Arnold and B.S. Cummings, Evidence for distinct mechanisms of uptake and antitumor activity of secretory phospholipase A₂ responsive liposomes in prostate cancer. *Integr Biol*, 17:5(1): 172-182, 2013.
2. R.P. Keer, T.M. Krunkosy, D.J. Hurley, B.S. Cummings, S.D. Holiday and R.M. Gogal, Lead induces autophagy and aberrant MHC class II surface expression in murine macrophage Raw 267.4 cells by dysregulation of MHC-II+ compartment exocytosis, *Toxicol In Vitro*, 27(3): 1018-24, 2013.
3. N. Kolisetty, R.J. Bull, S. Muralidhara, L.J. Costyn, D.A. Delker, Z. Guo, J.A. Cotruvo, J.W. Fisher and B.S. Cummings, Association of brominated proteins and changes in protein expression in the rat kidney with subcarcinogenic to carcinogenic doses of bromate, *Toxicol Appl Pharmacol*, 272(2): 391-8, 2013.

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4. A. C. McGinnis, B.S. Cummings and M.G. Bartlett, Ion exchange liquid chromatography method for the direct determination of small ribonucleic acids, *Analytica Chimica Acta*, 799: 57-67, 2013.
5. N. Kolisetty, D.A. Delker, S. Muralidahara, R.J. Bull, J.A. Cotruvo, J.W. Fisher and B.S. Cummings, Changes in mRNA and protein expression in the renal cortex and male and female F344 rats treated with bromate, *Arch. Toxicol*, 87(11): 1911-25, 2013.
6. Kerr RP, Krunkosky TM, Hurley DJ, Cummings BS, Holladay SD, Gogal RM Jr. Lead at 2.5 and 5.0 μ M induced aberrant MH-II surface expression through increased MII exocytosis and increased autophagosome formation in Raw 267.4 cells. *Toxicol In Vitro*. 2013 Apr;27(3):1018-24. doi: 10.1016/j.tiv.2013.01.018. Epub 2013 Jan 31. PMID: 23376802 [PubMed - indexed for MEDLINE]

Cham Dallas:

1. Dallas CE. Medical training for nuclear and radiological events: the "atomic age" returns. *Disaster Med Public Health Prep*. 2013 Oct;7(5):441-2. doi: 10.1017/dmp.2013.103. No abstract available. PMID: 24274122 [PubMed - in process]
2. Ford H, Dallas CE, Harris C. Examining roles pharmacists assume in disasters: a content analytic approach. *Disaster Med Public Health Prep*. 2013 Dec;7(6):563-72. doi: 10.1017/dmp.2013.99. Epub 2013 Oct 11. PMID: 24112433 [PubMed - in process]
3. Dallas CE, Bell WC, Stewart DJ, Caruso A, Burkle FM Jr. Nuclear war between Israel and Iran: lethality beyond the pale. *Confl Health*. 2013 May 10;7(1):10. doi: 10.1186/1752-1505-7-10. PMID: 23663406 [PubMed] Free PMC Article

Lisa Donovan:

1. Lawren S., C. Scoffoni, G.P. John, H. Poorter, C.M. Mason, R. Mendez-Alonzo, L.A. Donovan. 2014. Leaf mass per area (LMA) is independent of vein length per area: avoiding pitfalls when modeling phenotypic integration 2 (reply to Blonder et al. 2014). In Press. *Journal Experimental Botany*.
2. Donovan, L.A., C.M. Mason, A.W. Bowsher, E.W. Goolsby, C.D.A. Ishibashi. 2014. Ecological and evolutionary lability of plant traits affecting carbon and nutrient cycling. *Journal of Ecology* 102: 302-314.
3. Auchincloss, L., H.M. Easlon, D. Levine, L.A. Donovan, J.H. Richards. 2014. Predawn stomatal opening does not substantially enhance early morning photosynthesis in *Helianthus annuus*. *Plant Cell and Environment*, 37: 1364-1370.
4. Brouillette, L.C., C.M. Mason, R.Y. Shirk, L.A. Donovan. 2013. Adaptive differentiation of traits related to resource use in a desert annual along a resource gradient. *New Phytologist*, 183: 868-879.
5. Milton, E.F., E.W. Goolsby, L.A. Donovan. 2013. Cultivated *Helianthus annuus* differs from two wild relatives in germination response to simulated drought stress. *Helia* 36: 35-46.
6. Mason, C.M., S.E. McGaughey, L.A. Donovan. 2013. Ontogeny strongly and differentially alters leaf economic and other key traits in three diverse *Helianthus* species. *Journal Experimental Botany* 64: 4089-4099.
7. Sack, L, C. Scoffoni, H. Poorter, C. Mason, L.A. Donovan. 2013. How do leaf veins influence the worldwide leaf economic spectrum? Review and synthesis. *Journal Experimental Botany* 64: 4053-4080.
8. Gevaert, S.D., J.R. Mandel, J.M. Burke, L.A. Donovan. 2013. High genetic diversity and low population structure in Porter's sunflower (*Helianthus porteri*). *Journal of Heredity* 104: 407-415.

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9. Gormally, C.L., J.L. Hamrick, L.A. Donovan. 2013. Inter-island but not intra-island divergence among populations of sea oats, *Uniola paniculata* L. (Poaceae). *Conservation Genetics* 14:185-195.
10. Mandel, J.R., E.F. Milton, L.A. Donovan, S.J. Knapp, J.M. Burke. 2013. Genetic diversity and population structure in the rare *Algodones* sunflower (*Helianthus niveus* ssp. *tephrodes*). *Conservation Genetics* 14: 31-40.

Nikolay Filipov:

1. Lin, Z., C. A. Dodd, and N.M. Filipov. (2013). Short-term atrazine exposure causes behavioral deficits and disrupts monoaminergic systems in male C57BL/6 mice. *Neurotoxicology and Teratology*, 39:26–35. Epub: June 13, 2013. PMID: 23770127
2. Krishna, S., C. A. Dodd, S. K. Hekmatyar, and N. M. Filipov. (2014). Brain deposition and neurotoxicity of manganese in adult mice exposed via the drinking water. *Archives of Toxicology*, 88:47-64. Epub: July 6, 2013. PMID: 23832297
3. Lin, Z., J. W. Fisher, R. Wang, M. K. Ross, and N. M. Filipov. (2013). Estimation of placental and lactational transfer and tissue distribution of atrazine and its main metabolites in the rodent dams, fetuses, and neonates with physiologically based pharmacokinetic modeling. *Toxicol. Applied Pharmacology*, 273:140-158. Epub: August 16, 2013. PMID: 23958493
4. Lin Z, Dodd CA, Filipov NM. Differentiation state-dependent effects of in vitro exposure to atrazine or its metabolite diaminochlorotriazine in a dopaminergic cell line. *Life Sci*. 2013 Jan 17;92(1):81-90. doi: 10.1016/j.lfs.2012.10.027. Epub 2012 Nov 8. PMID: 23142650 [PubMed - indexed for MEDLINE]
5. Lin, Z., C. A. Dodd, S. Xiao, S. Krishna, X. Ye, and N. M. Filipov. (2014). Gestational and lactational exposure to atrazine via the drinking water causes specific behavioral deficits and selectively alters monoaminergic systems in C57BL/6 mouse dams, juvenile and adult offspring. *Toxicological Sciences*, Epub: June 9, 2014. PMID: 24913803

Jeffrey Fisher:

1. Churchwell, M.I., Camacho, L., Vanlandingham, M.M., Twaddle, N.C., Sepehr, E, Delclos, K.B., Fisher, J.W. and Doerge, D.R. 2014. Comparison of Lifestage-Dependent Internal Dosimetry for Bisphenol A, Ethinyl Estradiol, a Reference Estrogen, and Endogenous Estradiol to Test an Estrogenic Model of Action in Sprague-Dawley Rats. DOI:10.1093/toxsci/kfu021.
2. Lin, Z., Fisher, J.W., Wang, R., Ross, M.K. and Filipov, N.M. 2013. Estimation of Placental and Lactational Transfer and Tissue Distribution of Atrazine and its Main Metabolites in Rodent Dams, Fetuses, and Neonates with Physiologically Based Pharmacokinetic Modeling. *Toxicol. Appl. Pharmacol.*, 273, 140-158.
3. Teeguarden, J., Drury, S.-H., Fisher, J.W., and Doerge, D.R. 2013. Human Serum BPA Concentrations Corresponding to External Exposures and Biomonitoring Data In the Context of Estrogen Receptor Mechanisms of Action and Serum Analytical Detection Limits. *Food and Chem. Toxicol.*, 62, 949-963.
4. Kolisetty N., Bull, R.J., Muralidhara, S., Costyn, L.J., Delker, D.A., Guo, Z., Cotruvo, J.A. Fisher, J.W., and Cummings, B.S. Association of Brominated Proteins and Changes in Protein Expression in the Rat Kidney with Subcarcinogenic to Carcinogenic Doses of Bromate. 2013. *Toxicol. Appl. Pharmacol.*, 272, 391-398.

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5. Kolisetty, N., Delker, D.A., Muralidhara, S., Bull, R.J., Cotruvo, J.A., Fisher, J.W., and Cummings, B.S. 2013. Changes in mRNA and Protein Expression in the Renal Cortex of Male and Female F344 Rats Treated with Bromate. *Arch Toxicol.* , 87, 1911-1925.
6. Yang, X., Doerge, D.R., Fisher, J.W. 2013. Prediction and Evaluation of Route Dependent Dosimetry of BPA in Rats at Different Life Stages using a Physiologically Based model. *Toxicol. Appl. Pharmacol.*, 270, 45-59.
7. Lumen, A., Mattie, D.R. and Fisher, J.W. 2013. Evaluation of Perturbations in Serum Thyroid Hormones during Human Pregnancy due to Dietary Iodide and Perchlorate Exposure using a Biologically Based Dose Response Model. *Toxicol. Sci.*, 133, 320-241.
8. Fisher, J.W., Li, S., Crofton, K., Zoeller, R.T., McLanahan, E.D., Lumen, A., and Gilbert, M.E. 2013. Evaluation of iodide deficiency in the lactating rat and pup using a biologically based dose-response model. *Toxicol. Sci.*, 132, 75-86.
9. Gilbert, M.E., Hedge, J.M., Valentin-Blasini, L., Blount, B.C., Kannan, K., Tietge, J., Zoeller, R.T., Crofton, K.M., Jarrett, J.M., and Fisher, J.W. 2013. An animal model of marginal iodine deficiency during development: the thyroid axis and neurodevelopmental outcome. *Toxicol.Sci.*, 132, 177-195.
10. M.E. Gilbert, J. Hedge, L. Valentin-Blasini, B. Blount, K. Kannan, J. Tietge, R.T. Zoeller, K. Crofton, J. Jarrett, and J.W. Fisher. AN ANIMAL MODEL OF MARGINAL IODINE DEFICIENCY DURING DEVELOPMENT: THE THYROID AXIS AND NEURODEVELOPMENTAL OUTCOME. #1915. *The Toxicologist CD-An Official Journal of the Society of Toxicology*, March 2013.
11. J.W. Fisher, S. Li, K. Crofton, R. Zoeller, E. McLanahan, A. Lumen, and M. Gilbert. EVALUATION OF IODIDE DEFICIENCY IN THE LACTATING RAT AND PUP USING A BIOLOGICALLY BASED DOSE RESPONSE (BBDR) MODEL. #1914. *The Toxicologist CD-An Official Journal of the Society of Toxicology*, March 2013.
12. A. Lumen, D.R. Mattie, and J.W. Fisher. EVALUATION OF PERCHLORATE INTAKE ON MATERNAL AND FETAL SERUM T4 LEVELS USING A BBDR MODEL. #893. *The Toxicologist CD-An Official Journal of the Society of Toxicology*, March 2013.
13. N. Kolisetty, C.A. White, R.J. Bull, J.A. Cotruvo, J.W. Fisher, and B.S. Cummings. A COMPUTATIONAL PHARMACOKINETIC (PK) MODEL FOR BROMATE IN F344 RATS. #615. *The Toxicologist CD-An Official Journal of the Society of Toxicology*, March 2013.
14. Z. Lin, J.W. Fisher, and N. M. Filipov. GESTATIONAL AND LACTATIONAL PHYSIOLOGICALLY BASED PHARMACOKINETIC (PBPK) MODELS FOR THE HERBICIDE ATRAZINE IN RATS: DEVELOPMENT AND OPTIMIZATION. #490. *The Toxicologist CD-An Official Journal of the Society of Toxicology*, March 2013.
15. X. Yang, D.R. Doerge, and J.W. Fisher. A PHYSIOLOGICALLY BASED PHARMACOKINETIC MODEL FOR BISPHENOL A IN RATS AT DIFFERENT DEVELOPMENTAL AGES. #486. *The Toxicologist CD-An Official Journal of the Society of Toxicology*, March 2013.

Travis Glenn:

Publications Available Online Early

1. *Kenney-Hunt, J., A. Lewandowski, T. C. Glenn, J. L. Glenn, O. V. Tsyusko, R. J. O'Neill, J. Brown, C. M. Ramsdell, Q. Nguyen, T. Phan, K. S. Shorter, M. J. Dewey, G. Szalai, P. B. Vrana, and M. R. Felder. 2014. A genetic map of *Peromyscus* with chromosomal assignment of linkage groups (a *Peromyscus* genetic map). *Mammalian Genome*. Online early. DOI: 10.1007/s00335-014-9500-8*
2. *Smith, B.T., M. G. Harvey, B. C. Faircloth, T. C. Glenn, and R. T. Brumfield. 2014. Target capture and massively parallel sequencing of ultraconserved elements (UCEs) for comparative studies at shallow evolutionary time scales. *Systematic Biology* 63(1):83-95. doi: 10.1093/sysbio/syt061*

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3. Glenn, T. C., S. L. Lance, A. M. McKee, B. L. Webster, A. M. Emery, A. Zerlotini, G. Oliveira, D. Rollinson, and B. C. Faircloth. 2013. Significant variance in genetic diversity among populations of *Schistosoma haematobium* detected using microsatellite DNA loci from a genome-wide database. *Parasites and Vectors* 6:300. DOI: 10.1186/1756-3305-6-300
4. Finger, J. W. Jr., A. L. Adams, P. C. Thompson, C. M. Shilton, G. P. Brown, C. Moran, L. G. Miles, T. C. Glenn, and S. R. Isberg. 2013. Using phytohemagglutinin to determine immune responsiveness in saltwater crocodiles (*Crocodylus porosus*). *Australian Journal of Zoology* 61:301-311. doi: 10.1071/ZO13041
5. Weber, J. J., S. G. Weller, A. K. Sakai, O. V. Tsyusko, T. C. Glenn, C. A. Domínguez, F. E. Molina-Freaner, J. Fornoni, M. Tran, N. Nguyen, K. Nguyen, L.-K. Tran, G. Joice, and E. Harding. 2013. The role of inbreeding depression and mating system in the evolution of heterostyly. *Evolution* 67(8): 2309-2322. DOI: 10.1111/evo.12123
6. Shaw, T., Z. Ruan, T. Glenn, and L. Liu. 2013. STRAW: Species Tree Analysis Web server. *Nucleic Acids Research* 41(WebServer Issue): W238-241. doi:10.1093/nar/gkt377 PMID: 23661681
7. Wu, P., X. Wu, T.-X. Jiang, R. Elsey, B. L. Temple, S. J. Divers, T. C. Glenn, K. Yuan, M.-H. Chen, R. Widelitz, C.-M. Chuong. 2013. Specialized stem cell niche enables repetitive renewal of alligator teeth. *Proceedings of the National Academy of Sciences, USA* 110(22):E2009-18. PMID: 23671090.
8. Schountz, T., T. Shaw, T. Glenn, H. Feldmann, and J. Prescott. 2013. Expression profiling of lymph node cells from deer mice infected with Andes Virus. *BMC Immunology* 14:18. doi:10.1186/1471-2172-14-18. PMID: 23570545
9. McCormack, J. E., M. G. Harvey, B. C. Faircloth, N. G. Crawford, T. C. Glenn, and R. T. Brumfield. 2013. A phylogeny of birds based on over 1,500 loci collected by target enrichment and high-throughput sequencing. *PLoS ONE* 8(1): e54848. doi:10.1371/journal.pone.0054848.

Robert Gogal:

1. Finger JW Jr, Gogal RM Jr*. Endocrine-disrupting chemical exposure and the American alligator: a review of the potential role of environmental estrogens on the immune system of a top trophic carnivore. *Arch Environ Contam Toxicol*. 2013 Nov;65(4):704-714.
2. Karpuzoglu E, Holladay SD, Gogal RM Jr.* Parabens: potential impact of low-affinity estrogen receptor binding chemicals on human health. *J Toxicol Environ Health B Crit Rev*. 2013;16(5):321-335.
3. Kerr RP, Krunkosky TM, Hurley DJ, Cummings BS, Holladay SD, Gogal RM Jr.* Lead at 2.5 and 5.0 μ M induced aberrant MH-II surface expression through increased MII exocytosis and increased autophagosome formation in Raw 267.4 cells. *Toxicol In Vitro*. 2013 Apr;27(3):1018-1024.
4. Feldhaeusser BR, Turek M, Lawrence J, Cornell K, Gogal RM Jr. Influence of different cell storage/culture conditions on spontaneous proliferation and level of tyrosine kinase receptor inhibition in two feline injection-site sarcoma cell lines. *J Immunoassay Immunochem*. 2013;34(3):266-82. doi: 10.1080/15321819.2012.722577. PMID: 23656247 [PubMed - indexed for MEDLINE]
5. Lawrence J, Karpuzoglu E, Vance A, Vandenplas M, Saba C, Turek M, Gogal RM Jr. Changes in γ -H2AX expression in irradiated feline sarcoma cells: an indicator of double strand DNA breaks. *Res Vet Sci*. 2013 Jun;94(3):545-8. doi: 10.1016/j.rvsc.2013.01.007. Epub 2013 Jan 31. PMID: 23375429 [PubMed - indexed for MEDLINE]

Tai Guo:

1. Guo TL, Li JG, Ping DH, Sun X, Sakka Y. Controlled photocatalytic growth of Ag nanocrystals on brookite and rutile and their SERS performance. *ACS Appl Mater Interfaces*. 2014 Jan 8;6(1):236-43. doi: 10.1021/am404027m. Epub 2013 Dec 26. PMID: 24354270 [PubMed - in process]
2. Liao YS, Zhuo MN, Li DQ, Guo TL. [Estimation of urban non-point source pollution loading and its factor analysis in the Pearl River Delta]. *Huan Jing Ke Xue*. 2013 Aug;34(8):3019-24. Chinese. PMID: 24191543 [PubMed - in process]
3. Guo TL, Germolec DR, Zhang LX, Auttachoat W, Smith MJ, White KL Jr. Contact sensitizing potential of pyrogallol and 5-amino-o-cresol in female BALB/c mice. *Toxicology*. 2013 Dec 15;314(2-3):202-8. doi: 10.1016/j.tox.2013.10.006. Epub 2013 Oct 27. PMID: 24172597 [PubMed - indexed for MEDLINE]
4. Qian G, Tang L, Guo X, Wang F, Massey ME, Su J, Guo TL, Williams JH, Phillips TD, Wang JS. Aflatoxin B1 modulates the expression of phenotypic markers and cytokines by splenic lymphocytes of male F344 rats. *J Appl Toxicol*. 2014 Mar;34(3):241-9. doi: 10.1002/jat.2866. Epub 2013 Mar 19. PMID: 23508487 [PubMed - in process]
5. Liu K, Guo TL, Hait NC, Allegood J, Parikh HI, Xu W, Kellogg GE, Grant S, Spiegel S, Zhang S. Biological characterization of 3-(2-amino-ethyl)-5-[3-(4-butoxy-phenyl)-propylidene]-thiazolidine-2,4-dione (K145) as a selective sphingosine kinase-2 inhibitor and anticancer agent. *PLoS One*. 2013;8(2):e56471. doi: 10.1371/journal.pone.0056471. Epub 2013 Feb 20. PMID: 23437140 [PubMed - indexed for MEDLINE] Free PMC Article
6. Wehunt MP, Winschel CA, Khan AK, Guo TL, Abdrakhmanova GR, Sidorov V. Controlled drug-release system based on pH-sensitive chloride-triggerable liposomes. *J Liposome Res*. 2013 Mar;23(1):37-46. doi: 10.3109/08982104.2012.727423. PMID: 23363303 [PubMed - indexed for MEDLINE]

Jaroslava Halper:

1. Halper J (editor and author of four chapters). *Progress in Heritable Soft Connective Tissue Diseases*. Series: Advances in Experimental Medicine and Biology Springer SBM, Dordrecht, The Netherlands, 2014.

Papers:

1. Halper J. 2014. Introduction. *Adv Exp Med Biol* 802:1-3.
2. Halper J., Kjaer M. 2014. Basic components of connective tissues and extracellular matrix: elastin, fibrillin, fibulins, fibrinogen, fibronectin, laminin, tenascins and thrombospondins. *Adv Exp Med Biol* 802:31-47.
3. Halper J. 2014. Proteoglycans and diseases of soft tissues. *Adv Exp Med Biol* 802:49-58.
4. Halper J. 2014. Advances in the use of growth factors for treatment of disorders of soft tissues. *Adv Exp Med Biol* 802:59-76.
5. Halper J. 2014. Connective tissue disorders in domestic animals. *Adv Exp Med Biol* 802:231-240.
6. Halper J. 2014. Editorial: Musing on microarrays and genomic analysis. *J Carcinogen Mutagen*; doi: 10.4172/2157-2518.1000e113.
7. Yang YH, Ard MB, Halper JT, Barabino GA. 2013. Type I collagen-based fibrous capsule enhances integration of tissue-engineered cartilage with native articular cartilage. *Annals Biomed Eng*; doi: 10.1007/s10439-013-0958-4.

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Richard Harris:

1. Zencirci N, Griesser UJ, Gelbrich T, Apperley DC, Harris RK. Crystal polymorphs of barbital: news about a classic polymorphic system. *Mol Pharm*. 2014 Jan 6;11(1):338-50. doi: 10.1021/mp400515f. Epub 2013 Dec 11. PMID: 24283960 [PubMed - in process]
2. Apperley DC, Markwell AF, Frantsuzov I, Ilott AJ, Harris RK, Hodgkinson P. NMR characterisation of dynamics in solvates and desolvates of formoterol fumarate. *Phys Chem Chem Phys*. 2013 May 7;15(17):6422-30. doi: 10.1039/c3cp50180a. PMID: 23525167 [PubMed – in process]

Steven Holladay:

1. Kerr RP, Krunkosky TM, Hurley DJ, Cummings BS, Holladay SD, Gogal RM Jr. Lead induces autophagy and aberrant MHC Class II surface expression in murine macrophage Raw 267.4 cells by dysregulation of MHC-II+ compartment exocytosis. *Toxicology In Vitro* 27:1018-1024, 2013.
2. Karpuzoglu E, Holladay SD, Gogal RM Jr. Parabens: Potential impact of weak estrogenic chemicals on human health. *Journal of Toxicology and Environmental Health B Critical Reviews* 16:321-335, 2013.
3. Gutierrez JC, Prater MR, Holladay SD. Quercetin reduces maternal hyperglycemia in a type 2 diabetes mellitus mouse model. *Annual Review & Research in Biology* 4:71-78, 2014.
4. Gutierrez JC, Prater MR, Navarrete P, Holladay SD. Fetal myocardial reduction in hyperglycemic pregnancy is associated with decreased expression of the anti-apoptotic gene Bcl-2 in the developing heart. *Annual Review & Research in Biology* 4:306-311, 2014.
5. Nisanian M, Karpuzoglu E, Kerr RP, Williams S, McArthur JV, Tuckfield RC, Holladay SD, Gogal RM Jr. Exposure of leghorn chickens to lead acetate enhances antibiotic resistance in enteric flora. Accepted, *Poultry Science*.
6. Kerr RP, Krunkosky TM, Hurley DJ, Cummings BS, Holladay SD, Gogal RM Jr. Lead at 2.5 and 5.0 μ M induced aberrant MH-II surface expression through increased MII exocytosis and increased autophagosome formation in Raw 267.4 cells. *Toxicol In Vitro*. 2013 Apr;27(3):1018-24. doi: 10.1016/j.tiv.2013.01.018. Epub 2013 Jan 31. PMID: 23376802 [PubMed - indexed for MEDLINE]

Elizabeth Howard:

1. Beck JA, Ard M, Howerth EW. Pathology in practice. *J Am Vet Med Assoc*. 2014 Feb 15;244(4):421-3. doi: 10.2460/javma.244.4.421. No abstract available. PMID: 24479455 [PubMed - in process]
2. França M, Howerth EW, Carter D, Byas A, Poulson R, Afonso CL, Stallknecht DE. Co-infection of mallards with low-virulence Newcastle disease virus and low-pathogenic avian influenza virus. *Avian Pathol*. 2014 Feb;43(1):96-104. doi: 10.1080/03079457.2013.876530. Epub 2014 Jan 27. PMID: 24467249 [PubMed - in process]
3. Duberstein KJ, Platt SR, Holmes SP, Dove CR, Howerth EW, Kent M, Stice SL, Hill WD, Hess DC, West FD. Gait analysis in a pre- and post-ischemic stroke biomedical pig model. *Physiol Behav*. 2014 Feb 10;125:8-16. doi: 10.1016/j.physbeh.2013.11.004. Epub 2013 Nov 25. PMID: 24286894 [PubMed - in process]

Thursday, June 19, 2014

4. Gabbard JD, Dlugolenski D, Van Riel D, Marshall N, Galloway SE, Howerth EW, Campbell PJ, Jones C, Johnson S, Byrd-Leotis L, Steinhauer DA, Kuiken T, Tompkins SM, Tripp R, Lowen AC, Steel J. Novel H7N9 Influenza Virus Shows Low Infectious Dose, High Growth Rate, and Efficient Contact Transmission in the Guinea Pig Model. *J Virol*. 2014 Feb;88(3):1502-12. doi: 10.1128/JVI.02959-13. Epub 2013 Nov 13. PMID: 24227867 [PubMed - in process]
5. Rissi DR, Howerth EW. Pathology in practice. Ischemic encephalopathy caused by aberrant migration of a *Cuterebra* larva. *J Am Vet Med Assoc*. 2013 Aug 15;243(4):493-5. doi: 10.2460/javma.243.4.493. No abstract available. PMID: 23902441 [PubMed - in process]
6. Diao H, Xiao S, Howerth EW, Zhao F, Li R, Ard MB, Ye X. Broad gap junction blocker carbenoxolone disrupts uterine preparation for embryo implantation in mice. *Biol Reprod*. 2013 Aug 15;89(2):31. doi: 10.1095/biolreprod.113.110106. Print 2013 Aug. PMID: 23843229 [PubMed - indexed for MEDLINE]
7. Nemeth NM, Brown JD, Stallknecht DE, Howerth EW, Newman SH, Swayne DE. Experimental infection of bar-headed geese (*Anser indicus*) and ruddy shelducks (*Tadorna ferruginea*) with a clade 2.3.2 H5N1 highly pathogenic avian influenza virus. *Vet Pathol*. 2013 Nov;50(6):961-70. doi: 10.1177/0300985813490758. Epub 2013 Jun 4. PMID: 23735616 [PubMed - in process]
8. Eagleson JS, Kent M, Platt SR, Rech RR, Howerth EW. MRI findings in a rottweiler with leukoencephalomyelopathy. *J Am Anim Hosp Assoc*. 2013 Jul-Aug;49(4):255-61. doi: 10.5326/JAAHA-MS-5864. Epub 2013 May 20. PMID: 23690496 [PubMed - in process]
9. Larson RN, Schmiedt CW, Wang A, Lawrence J, Howerth EW, Holmes SP, Grey SW. Adrenal gland function in a dog following unilateral complete adrenalectomy and contralateral partial adrenalectomy. *J Am Vet Med Assoc*. 2013 May 15;242(10):1398-404. doi: 10.2460/javma.242.10.1398. PMID: 23634685 [PubMed - indexed for MEDLINE]
10. Dugan MA, Courtney C, Howerth EW. Pathology in practice. B virus infection in a rhesus macaque. *J Am Vet Med Assoc*. 2013 May 1;242(9):1233-5. doi: 10.2460/javma.242.9.1233. No abstract available. PMID: 23600779 [PubMed - indexed for MEDLINE]
11. Credille BC, Tennent-Brown BS, Cato S, Cohen EB, Manickam B, Howerth EW, Jiménez DA. What is your diagnosis? Sinonasal or maxillary cysts. *J Am Vet Med Assoc*. 2013 May 1;242(9):1219-20. doi: 10.2460/javma.242.9.1219. No abstract available. PMID: 23600776 [PubMed - indexed for MEDLINE]

Qingguo Huang:

1. Sudeep S. Sidhu, Qingguo Huang, Robert N. Carrow and Paul L. Raymer. Optimizing Laccase Application on Creeping Bentgrass (*Agrostis stolonifera* L.) to Facilitate Biodethatching. *Alliance of Crop, Soil, and the Env Science Societies* doi:10.2135/cropsci2013.09.0612
2. Lilan Zhang, Junfeng Niu, Yujuan Wang, Jianghong Shi, Qingguo Huang. Chronic effects of PFOA and PFOS on sexual reproduction of freshwater rotifer *Brachionus calyciflorus*. *Science Direct* DOI: 10.1016/j.chemosphere.2014.03.099
3. Lusheng Zeng Jiayang Liu Robert N. Carrow¹, Paul L. Raymer, Qingguo Huang. Evaluation of Direct Application of Enzymes to Remediate Soil Water Repellency. *HortScience*
4. Li Qin, Qingguo Huang, Zhongbo Wei, Liansheng Wang, Zunyao Wang. The influence of hydroxyl-functionalized multi-walled carbon nanotubes and pH levels on the toxicity of lead to *Daphnia magna*. *ScienceDirect* DOI: 10.1016/j.etap.2014.05.016

Thursday, June 19, 2014

5. Qing XIA, Deyang KONG, Guoqiang LIU, Qingguo HUANG, Aamr ALALEWI, Junhe LU. Removal of 17 β -estradiol in laccase catalyzed treatment processes. *Environ. Sci. Eng.* 2014, 8(3): 372–378 DOI 10.1007/s11783-013-0567-3

Stacey Lance:

1. Glenn TC, Lance SL, McKee AM, Webster BL, Emery AM, Zerlotini A, Oliveira G, Rollinson D, Faircloth BC. Significant variance in genetic diversity among populations of *Schistosoma haematobium* detected using microsatellite DNA loci from a genome-wide database. *Parasit Vectors.* 2013 Oct 17;6(1):300. doi: 10.1186/1756-3305-6-300. PMID: 24499537 [PubMed - in process]
2. Lance SL, Love CN, Nunziata SO, O'Bryhim JR, Scott DE, Flynn RW, Jones KL. 32 species validation of a new illumina paired-end approach for the development of microsatellites. *PLoS One.* 2013 Nov 28;8(11):e81853. doi: 10.1371/journal.pone.0081853. eCollection 2013. PMID: 24312368 [PubMed - in process]

Erin Lipp:

1. Astudillo VG, Hernández SM, Kistler WM, Boone SL, Lipp EK, Shrestha S, Yabsley MJ. Spatial, temporal, molecular, and intraspecific differences of haemoparasite infection and relevant selected physiological parameters of wild birds in Georgia, USA. *Int J Parasitol Parasites Wildl.* 2013 May 15;2:178-89. doi: 10.1016/j.ijppaw.2013.04.005. eCollection 2013 Dec. PMID: 24533333 [PubMed]
2. Joyner J, Wanless D, Sinigalliano CD, Lipp EK. Use of Quantitative Real-Time PCR for Direct Detection of *Serratia marcescens* in Marine and Other Aquatic Environments. *Appl Environ Microbiol.* 2014 Mar;80(5):1679-83. doi: 10.1128/AEM.02755-13. Epub 2013 Dec 27. PMID: 24375136 [PubMed - in process]
3. Killela PJ, Pirozzi CJ, Reitman ZJ, Jones S, Rasheed BA, Lipp E, Friedman H, Friedman AH, He Y, McLendon RE, Bigner DD, Yan H. The genetic landscape of anaplastic astrocytoma. *Oncotarget.* 2013 Oct 16. [Epub ahead of print] PMID: 24140581 [PubMed - as supplied by publisher]
4. Ramaswamy V, Remke M, Bouffet E, Faria CC, Perreault S, Cho YJ, Shih DJ, Luu B, Dubuc AM, Northcott PA, Schüller U, Gururangan S, McLendon R, Bigner D, Fouladi M, Ligon KL, Pomeroy SL, Dunn S, Triscott J, Jabado N, Fontebasso A, Jones DT, Kool M, Karajannis MA, Gardner SL, Zagzag D, Nunes S, Pimentel J, Mora J, Lipp E, Walter AW, Ryzhova M, Zheludkova O, Kumirova E, Alshami J, Croul SE, Rutka JT, Hawkins C, Tabori U, Codispoti KE, Packer RJ, Pfister SM, Korshunov A, Taylor MD. Recurrence patterns across medulloblastoma subgroups: an integrated clinical and molecular analysis. *Lancet Oncol.* 2013 Nov;14(12):1200-7. doi: 10.1016/S1470-2045(13)70449-2. Epub 2013 Oct 17. PMID: 24140199 [PubMed - indexed for MEDLINE]
5. Brennan CW, Verhaak RG, McKenna A, Campos B, Noushmehr H, Salama SR, Zheng S, Chakravarty D, Sanborn JZ, Berman SH, Beroukhi R, Bernard B, Wu CJ, Genovese G, Shmulevich I, Barnholtz-Sloan J, Zou L, Vegesna R, Shukla SA, Ciriello G, Yung WK, Zhang W, Sougnez C, Mikkelsen T, Aldape K, Bigner DD, Van Meir EG, Prados M, Sloan A, Black KL, Eschbacher J, Finocchiaro G, Friedman W, Andrews DW, Guha A, Iacocca M, O'Neill BP, Foltz G, Myers J, Weisenberger DJ, Penny R, Kucherlapati R, Perou CM, Hayes DN, Gibbs R, Marra M, Mills GB, Lander E, Spellman P, Wilson R, Sander C, Weinstein J, Meyerson M, Gabriel S, Laird PW, Haussler D, Getz G, Chin L; TCGA Research Network. The somatic genomic landscape of glioblastoma. *Cell.* 2013 Oct 10;155(2):462-77. doi: 10.1016/j.cell.2013.09.034. PMID: 24120142

Thursday, June 19, 2014

[PubMed - indexed for MEDLINE]

6. Turner JW, Malayil L, Guadagnoli D, Cole D, Lipp EK. Detection of *Vibrio parahaemolyticus*, *Vibrio vulnificus* and *Vibrio cholerae* with respect to seasonal fluctuations in temperature and plankton abundance. *Environ Microbiol*. 2013 Aug 18. doi: 10.1111/1462-2920.12246. [Epub ahead of print] PMID: 24024909 [PubMed - as supplied by publisher]
7. Vereen E Jr, Lowrance RR, Jenkins MB, Adams P, Rajeev S, Lipp EK. Landscape and seasonal factors influence *Salmonella* and *Campylobacter* prevalence in a rural mixed use watershed. *Water Res*. 2013 Oct 15;47(16):6075-85. doi: 10.1016/j.watres.2013.07.028. Epub 2013 Jul 30. PMID: 23969398 [PubMed - in process]
8. Lou E, Peters KB, Sumrall AL, Desjardins A, Reardon DA, Lipp ES, Herndon JE 2nd, Coan A, Bailey L, Turner S, Friedman HS, Vredenburg JJ. Phase II trial of upfront bevacizumab and temozolomide for unresectable or multifocal glioblastoma. *Cancer Med*. 2013 Apr;2(2):185-95. doi: 10.1002/cam4.58. Epub 2013 Jan 24. PMID: 23634286 [PubMed - indexed for MEDLINE]

Luke Naeher:

1. Hejl AM, Adetona O, Diaz-Sanchez D, Carter JD, Commodore AA, Rathbun SL, Naeher LP. 2013. Inflammatory Effects of Woodsmoke Exposure Among Wildland Firefighters Working at Prescribed Burns at the Savannah River Site, SC. *Journal of Occupational and Environmental Hygiene*, 10(4): 173-180.
2. Adetona O, Li Z, Sjodin A, Romanoff LC, Aguillar-Villalobos, Needham LL, Hall DB, Cassidy BE, Naeher LP. 2013. Biomonitoring of polycyclic aromatic hydrocarbon exposure in pregnant women in Trujillo, Peru — Comparison of different fuel types used for cooking. *Environmental International*, 53: 1-8
3. Adetona O, Zhang J, Hall DB, Wang J-S, Vena JE, Naeher LP. 2013. Occupational exposure to woodsmoke and oxidative stress in wildland firefighters. *Science of the Total Environment*, 449(1): 269-275
4. Naeher LP, Boyd DB, Adetona O, Simpson CD. 2013. Urinary levoglucosan as a biomarker for woodsmoke exposure in wildland firefighters. *International Journal of Occupational and Environmental Health*, 19(4): 304-310
5. Commodore AA, Hartinger SM, Lanata CF, Mausezahl D, Gil AI, Hall DB, Aguillar-Villalobos, Naeher LP. 2013. A pilot study characterizing real time exposures to particulate matter and carbon monoxide from cookstove related woodsmoke in rural Peru. *Atmospheric Environment*, 79: 380-384
6. Commodore AA, Zhang J, Chang Y, Hartinger SM, Lanata CF, Mausezahl D, Gil AI, Hall DB, Aguillar-Villalobos, Vena JE, Wang J-S, Naeher LP. 2013. Concentrations of urinary 8-hydroxy-2'-deoxyguanosine and 8-isoprostane in women exposed to woodsmoke in a cookstove intervention study in San Marcos, Peru. *Environmental International*, 60: 112-122
7. Rylance J, Gordon SB, Naeher LP, Patel A, Balmes JR, Adetona O, Rogalsky DK, Martin WJ II. 2013. Household air pollution: a call for studies into biomarkers of exposure and predictors of respiratory disease. *American Journal of Physiology – Lung Cellular and Molecular Physiology*, 304: L571-L578
8. Commodore AA, Hartinger SM, Lanata CF, Mausezahl D, Gil AI, Hall DB, Aguillar-Villalobos, Butler CJ, Naeher LP. 2013. Carbon monoxide exposures and kitchen concentrations from cookstove-related woodsmoke in San Marcos, Peru. *International Journal of Occupational and Environmental Health*, 19(1): 43-45
9. Adetona O, Horton K, Sjodin A, Jones R, Hall DB, Aguillar-Villalobos, Cassidy BE, Vena JE, Needham LL, Naeher LP. 2013. Concentrations of select persistent organic pollutants across

- pregnancy trimesters in maternal and in cord serum in Trujillo, Peru. *Chemosphere*, 91(10): 1426-1433
10. Clark ML, Peel JL, Balakrishnan K, Breysse PN, Chillrud SN, Naeher LP, Rodes CE, Vette AF, Balbus JM. 2013. Health and household air pollution from solid fuel use: the need for improved exposure assessment. *Environmental Health Perspectives*, 121(10): 1120-1128
 11. St. Helen G, Holland NT, Balmes JR, Hall DB, Bernert JT, Vena JE, Wang J-S, Naeher LP. 2013. Utility of urinary Clara cell protein (CC16) to demonstrate increased lung epithelial permeability in non-smokers exposed to outdoor secondhand smoke. *Journal of Exposure Science and Environmental Epidemiology*, 23: 183-189
 12. Hejl AM, Ottmar RD, Jannik T, Eddy TP, Rathbun SL, Commodore AA, Pearce JL, Naeher LP. 2013. Radionuclide activity concentrations in forest surface fuels at the Savannah River Site. *Journal of Environmental Management*, 115: 217-226
 13. Horton DK, Adetona O, Aguilar-Villalobos M, Cassidy BE, Pfeiffer CM, Schleicher RL, Caldwell KL, Needham LL, Rathbun SL, Vena JE, Naeher LP. 2013. Changes in the concentrations of biochemical indicators of diet and nutritional status of pregnant women across pregnancy trimesters in Trujillo, Peru, 2004–2005. *Nutrition Journal*, 12:80
 14. Worley JW, Naeher LP, Czarick M, Fairchild BD, Ritz CW, Irvin-Barnwell E. 2013. Monitoring of fine particulates downwind of broiler houses – a field study. *The Journal of Applied Poultry Research*, 22(2): 351-360
 15. Adetona O, Simpson CD, Onstad G, Naeher LP. 2013. Exposure of wildland firefighters to carbon monoxide, fine particles, and levoglucosan. *Annals of Occupational Hygiene*, 57(8): 979-991
 16. Eppler AR, Fitzgerald C, Dorner SC, Aguilar-Villalobos M, Rathbun SL, Adetona O, Naeher LP. 2013. Using exhaled carbon monoxide and carboxy-hemoglobin to evaluate the effectiveness of a chimney stove model in Peru. *International Journal of Occupational and Environmental Health*, 19(4): 325-331
 17. St. Helen G, Aguilar-Villalobos M, Adetona O, Cassidy BE, Bayer CW, Hendry R, Hall DB, Naeher LP. 2013. Exposure of pregnant women to cookstove related household air pollution in urban and peri-urban Trujillo, Peru. *Archives of Environmental and Occupational Health*, DOI: 10.1080/19338244.2013.807761

Ron Riley:

1. Voss, K.A., Riley, R.T., Moore, N.D., Burns, T.D. (2013) Alkaline cooking (Nixtamalization) reduced the in vivo toxicity of fumonisin-contaminated corn in a rat feeding bioassay. *Food Additives and Contaminants*. 30, 1415-1421.
2. Van der Westhuizen, L., Shephard, G. S., Gelderblom, W. C. A., Torres, and Riley, R.T. (2013) Fumonisin biomarkers in maize eaters and implications for human disease. *World Mycotoxin Journal* 6(3):223-232.
3. Torres, O., Matute, J., Gelineau-van Waes, J., Maddox, J.R., Gregory, S.G., Ashley-Koch, A.E., Showker, J.L., Zitomer, N.C., Voss, K.A. and Riley, R.T. (2013) Urinary fumonisin B1 and estimated fumonisin intake in women from high and low exposure communities in Guatemala . *Molecular Nutrition and Food Research*. 58:973-983.
4. Voss, K.A. and Riley, R.T. (2013) Fumonisin toxicity and mechanism of action: overview and current perspectives. *Food Safety Vol. 1 (2013) No. 1*, p. 2013006 (The Official Journal of Food Safety Commission of Japan).
5. Riley, R.T. (2014) Naturally Occurring Chemical Carcinogens. In: *World Cancer Report 2014*, pp. 206-219, B. Stewart and C.P. Wild, eds., International Agency for Research on Cancer, Lyon, France.

Thursday, June 19, 2014

6. Voss, K.A., Riley, R.T. and Gelineau van Waes, J. (2014) Fumonisin B1 Induced Neural Tube Defects Were Not Increased in LM/Bc Mice Fed Folate Deficient Diets. *Molecular Nutrition and Food Research*. 58: 1190-1198.
7. Baldwin, T.T., Zitomer, N.C., Mitchell, T.R., Zimeri, A.-M., Bacon, C.W., Riley, R.T. and Glenn, A.E. (2014) Seedling blight of maize by *Fusarium verticillioides* causes accumulation of fumonisin B1 in upper leaves apart from colonization of the leaves. 62: 2118-2125.
8. Palencia, E. R., Mitchell, T., Snook, M.E., Glenn, A.E., Gold, S., Hinton, D.M., Scherm, H., Riley, R.T. and Bacon, C.W. (2014). Analysis of black endophytic *Aspergillus* species of peanut and maize for ochratoxins and fumonisins. *Journal of Food Protection* 77(5):805-813.
9. Torres, O., Matute, J., Gelineau-van Waes, J., Maddox, J.R., Gregory, S.G., Ashley-Koch, A.E., Showker, J.L., Voss, K.A., and Riley, R.T. (2014) Human health implications from co-exposure to aflatoxins and fumonisins in maize-based foods in the Latin America: Guatemala a case study. *World Mycotoxin Journal* DOI 10.3920/WMJ2014.1736.

Arnold Roberts:

1. Mitchell CA, Kalies S, Cizmár T, Heisterkamp A, Torrance L, Roberts AG, Gunn-Moore FJ, Dholakia K. Femtosecond optoinjection of intact tobacco BY-2 cells using a reconfigurable photoporation platform. *PLoS One*. 2013 Nov 14;8(11):e79235. doi: 10.1371/journal.pone.0079235. eCollection 2013. PMID: 24244456 [PubMed - in process] Free PMC Article
2. Ding H, Roberts AG, Harran PG. Total Synthesis of Ageliferin via Acyl N-amidinyliminium Ion Rearrangement. *Chem Sci*. 2013 Jan 1;4(1):303-306. PMID: 23687567 [PubMed] Free PMC Article
3. Pasare SA, Ducreux LJ, Morris WL, Campbell R, Sharma SK, Roumeliotis E, Kohlen W, van der Krol S, Bramley PM, Roberts AG, Fraser PD, Taylor MA. The role of the potato (*Solanum tuberosum*) CCD8 gene in stolon and tuber development. *New Phytol*. 2013 Jun;198(4):1108-20. doi: 10.1111/nph.12217. Epub 2013 Mar 15. PMID: 23496288 [PubMed - indexed for MEDLINE]

R. Shefferson:

1. Kartzinel TR, Shefferson RP, Trapnell DW. Relative importance of pollen and seed dispersal across a Neotropical mountain landscape for an epiphytic orchid. *Mol Ecol*. 2013 Dec;22(24):6048-59. doi: 10.1111/mec.12551. Epub 2013 Nov 8. PMID: 24308648 [PubMed - in process]
2. Highly diverse and spatially heterogeneous mycorrhizal symbiosis in a rare epiphyte is unrelated to Kartzinel TR, Trapnell DW, Shefferson RP. broad biogeographic or environmental features. *Mol Ecol*. 2013 Dec;22(23):5949-61. doi: 10.1111/mec.12536. Epub 2013 Nov 6. PMID: 24112555 [PubMed - in process]
3. Salguero-Gómez R, Shefferson RP, Hutchings MJ. Plants do not count... or do they? New perspectives on the universality of senescence. *J Ecol*. 2013 May;101(3):545-554. Epub 2013 Apr 24. PMID: 23853389 [PubMed] Free PMC Article

Steven Stice:

1. Duberstein KJ, Platt SR, Holmes SP, Dove CR, Howerth EW, Kent M, Stice SL, Hill WD, Hess DC, West FD. Gait analysis in a pre- and post-ischemic stroke biomedical pig model. *Physiol Behav*. 2014 Feb 10;125:8-16. doi: 10.1016/j.physbeh.2013.11.004. Epub 2013 Nov 25. PMID: 24286894 [PubMed - in process]
2. Krishnamoorthy M, Gerwe BA, Scharer CD, Sahasranaman V, Eilertson CD, Nash RJ, Usta SN, Kelly S, Rose M, Peraza R, Arumugham J, Stewart B, Stice SL, Nash RJ. Ethanol alters proliferation and

Thursday, June 19, 2014

- differentiation of normal and chromosomally abnormal human embryonic stem cell-derived neurospheres. *Birth Defects Res B Dev Reprod Toxicol.* 2013 Jun;98(3):283-95. doi: 10.1002/bdrb.21063. Epub 2013 May 21. PMID: 23696232 [PubMed - in process]
3. Majumder A, Dhara SK, Swetenburg R, Mithani M, Cao K, Medrzycki M, Fan Y, Stice SL. Inhibition of DNA methyltransferases and histone deacetylases induces astrocytic differentiation of neural progenitors. *Stem Cell Res.* 2013 Jul;11(1):574-86. doi: 10.1016/j.scr.2013.03.003. Epub 2013 Apr 2. PMID: 23644509 [PubMed - in process]
 4. Singh A, Suri S, Lee T, Chilton JM, Cooke MT, Chen W, Fu J, Stice SL, Lu H, McDevitt TC, García AJ. Adhesion strength-based, label-free isolation of human pluripotent stem cells. *Nat Methods.* 2013 May;10(5):438-44. doi: 10.1038/nmeth.2437. Epub 2013 Apr 7. PMID: 23563795 [PubMed - indexed for MEDLINE] Free PMC Article
 5. Liu Y, Yang JY, Lu Y, Yu P, Dove CR, Hutcheson JM, Mumaw JL, Stice SL, West FD. α -1,3-Galactosyltransferase knockout pig induced pluripotent stem cells: a cell source for the production of xenotransplant pigs. *Cell Reprogram.* 2013 Apr;15(2):107-16. doi: 10.1089/cell.2012.0062. Epub 2013 Feb 12. PMID: 23402576 [PubMed - indexed for MEDLINE]
 6. Guo X, Stice SL, Boyd NL, Chen SY. A novel in vitro model system for smooth muscle differentiation from human embryonic stem cell-derived mesenchymal cells. *Am J Physiol Cell Physiol.* 2013 Feb 15;304(4):C289-98. doi: 10.1152/ajpcell.00298.2012. Epub 2012 Dec 5. PMID: 23220114 [PubMed - indexed for MEDLINE] Free PMC Article
 7. Yang JY, Mumaw JL, Liu Y, Stice SL, West FD. SSEA4-positive pig induced pluripotent stem cells are primed for differentiation into neural cells. *Cell Transplant.* 2013;22(6):945-59. doi: 10.3727/096368912X657279. Epub 2012 Oct 3. PMID: 23043799 [PubMed - in process]

Anne Summers:

1. Williams LE, Wireman J, Hilliard VC, Summers AO. Large plasmids of *Escherichia coli* and *Salmonella* encode highly diverse arrays of accessory genes on common replicon families. *Plasmid.* 2013 Jan;69(1):36-48. doi: 10.1016/j.plasmid.2012.08.002. Epub 2012 Aug 24. PMID: 22939841 [PubMed - indexed for MEDLINE]
2. Novel Oral Detoxification of Mercury, Cadmium, And Lead with Thiol-Modified Nanoporous Silica. Thanapon Sangvanich,[†],[‡] Jingga Morry,[†],[‡] Cade Fox,[†] Worapol Ngamcherdtrakul,[†] Shaun Goodyear,[†]David Castro,[†] Glen E. Fryxell,[§] Raymond S. Addleman,[§] Anne O. Summers,[⊥] and Wassana Yantasee*,[†]ACS Appl Mater Interfaces.
<<http://www.ncbi.nlm.nih.gov/pubmed/?term=yantasee%20and%20summers#>>
2014 Apr 23;6(8):5483-93. doi: 10.1021/am5007707. Epub 2014 Apr 4.

Randall Tackett:

1. da Silva VR, Hausman DB, Kauwell GP, Sokolow A, Tackett RL, Rathbun SL, Bailey LB. Obesity affects short-term folate pharmacokinetics in women of childbearing age. *Int J Obes (Lond).* 2013 Dec;37(12):1608-10. doi: 10.1038/ijo.2013.41. Epub 2013 Apr 9. PMID: 23567925 [PubMed - in process]

S. Mark Tompkins:

Thursday, June 19, 2014

1. Li, Z.*, Mooney, A.*, Gabbard, J.D., Xu, P., Gao, X., Place, R.J., Hogan, R.J., Tompkins, S.M., and B. He. *Contributed equally to this work. 2013 Recombinant Parainfluenza Virus 5 Expressing HA Of Influenza A Virus H5N1 Protected Mice Against Lethal High Pathogenic Avian Influenza H5N1 Challenge. *J. Virol.* 87(1):354-62. PMID: 23077314
2. Mooney, A., Li, Z., Gabbard, J.D., He, B., and S.M. Tompkins. 2013 Recombinant PIV5 vaccine protects against HPAI H5N1 infection when delivered intranasally or intramuscularly. *J. Virol.* 87(1):363-71. PMID: 23077318
3. Perwitasari, O., Yan, X., Johnson, S., White, C., Brooks, P., Tompkins, S.M., and R.A. Tripp. 2013 Targeting the Organic Anion Transporter-3 (OAT3) with Probenecid as a Novel Anti-Influenza Virus Strategy. *Antimicrob Agents Chemother.* 57(1):475-83. PMID: 23129053.
4. Liang, E.M., Tripp, R.A., Pollock, N.K., Baile, C.A., Della-Fera, M.A., Rayalam, S., Tompkins, S.M., Keys, D.A., and R.D. Lewis. 2013. Adenovirus 36, Adiposity and Bone Strength in Late-Adolescent Females. *J Bone Miner Res.* 2013 Jan 7. doi: 10.1002/jbmr.1776. PMID: 23296755
5. Mooney, A. and S.M. Tompkins. 2013 Experimental vaccines against potentially pandemic and highly pathogenic avian influenza viruses. *Future Virology*, 8(1):25-41. PMID: 23440999
6. Perwitasari, O., Bakre, A., Tompkins, S.M., and R.A. Tripp. 2013 siRNA Genome Screening Approaches to Therapeutic Drug Repositioning. *Pharmaceuticals.* 6(2):124-160.
7. Li, Z., Gabbard, J.D., Mooney, A.J., Xu, P., Gao, X., Chen, Z., Place, R.J., Tompkins, S.M., and B. He. 2013 Single Dose Vaccination Of A Recombinant Parainfluenza Virus 5 Expressing NP From H5N1 Provides Broad Immunity Against Influenza A Viruses. *J. Virol.* 2013 Mar 20. [Epub ahead of print], PMID: 23514880
8. Nemeth, N.M., Oesterle, P.T., Poulson, B., Jones, C., Tompkins, S.M., Brown, J.D., and D.E. Stallknecht. 2013 Experimental Infection of European Starlings (*Sturnus vulgaris*) and House Sparrows (*Passer domesticus*) with Pandemic 2009 H1N1, and Swine H1N1 and H3N2 Triple Reassortant Influenza Viruses. *J. Wildl. Dis.* 49(2):437-40. PMID: 23568924
9. Sage, L.K., Fox, J.M., Tompkins, S.M. and R.A. Tripp 2013 Inhibition of indoleamine 2,3-dioxygenase enhances the T-cell response to influenza virus infection.. *J Gen Virol.* 2013 Apr 11. [Epub ahead of print] PMID: 23580424
10. Fox, J.M., Sage, L.K., Huang, L., Barber, J., Klonowski, K.D., Mellor, A.L., Tompkins, S.M. and R.A. Tripp 2013 Subsisting H1N1 Influenza Memory Responses are Insufficient to Protect from Pandemic H1N1 Influenza Challenge in C57BL/6 Mice. *J Gen Virol.* 94(Pt 7):1451-61. PMID: 23580425
11. Stewart CR, Keyburn AL, Deffrasnes C, Tompkins SM. 2013 Potential directions for chicken immunology research. *Dev Comp Immunol.* 2013 May 21. doi:pil: S0145-305X(13)00138-9. 10.1016/j.dci.2013.05.011. PMID: 23707787
12. Dlugolenski D, Jones L, Tompkins SM, Crameri G, Wang LF, Tripp RA. 2013 Bat cells from Pteropus alecto are susceptible to influenza A virus infection and reassortment. *Influenza Other Respi Viruses.* 2013 May 27. doi: 10.1111/irv.12128. PMID: 23710888
13. Huang, L., Klonowski, K.D., Tompkins, S.M., Tripp, R.A. and A.L.Mellor. 2013 Induction and role of indoleamine 2,3 dioxygenase in mouse models of influenza a virus infection.. *PLoS One.* 2013 Jun 13;8(6):e66546. PMID: 23785507
14. Li, Z., Gabbard, J.D., Mooney, A.J., Chen, Z., Tompkins, S.M., and B. He. 2013 Efficacy of Parainfluenza virus 5 mutants expressing HA from H5N1 influenza A virus in mice. *J. Virol.* 2013 Jun 26. [Epub ahead of print]. PMID: 23804633
15. Bakre, A.*, Andersen, L.E.*, Meliopoulos, V.A., Coleman, J.K., Yan, X., Brooks, P., Crabtree, J., Tompkins, S.M., and R.A. Tripp. *Contributed equally to this work. 2013 Identification of Host Kinase Genes Required for Influenza Virus Replication and the Regulatory Role of MicroRNAs. *PLoS One.* 2013 Jun 21;8(6):e66796. PMID: 23805279

Thursday, June 19, 2014

16. Hauser, M.J., Dlugolenski, D., Culhane, M.R., Wentworth, D.E., Tompkins, S.M., and R.A. Tripp. Antiviral responses by Swine primary bronchoepithelial cells are limited compared to human bronchoepithelial cells following influenza virus infection. 2013 *PLoS One*. 8(7):e70251. PMID: 23875024
17. Turner, T., Jones, L., Tompkins, S.M., and R.A. Tripp. 2013 A Novel HA-F Protein Subunit Vaccine against Influenza and Respiratory Syncytial Virus. *J Virol*. 87(19):10792-804. PMID: 23903841
18. Fouchier RA, Kawaoka Y, Cardona C, Compans RW, García-Sastre A, Govorkova EA, Guan Y, Herfst S, Orenstein WA, Peiris JS, Perez DR, Richt JA, Russell C, Schultz-Cherry SL, Smith DJ, Steel J, Tompkins SM, Topham DJ, Treanor JJ, Tripp RA, Webby RJ, Webster RG. 2013 Avian flu: Gain-of-function experiments on H7N9. *Nature*. 2013 Aug 8;500(7461):150-1 PMID: 23925229
19. Fouchier RA, Kawaoka Y, Cardona C, Compans RW, García-Sastre A, Govorkova EA, Guan Y, Herfst S, Orenstein WA, Peiris JS, Perez DR, Richt JA, Russell C, Schultz-Cherry SL, Smith DJ, Steel J, Tompkins SM, Topham DJ, Treanor JJ, Tripp RA, Webby RJ, Webster RG. 2013 Gain-of-Function Experiments on H7N9 *Science*. 2013 Aug 7. [Epub ahead of print] PMID: 23926190
20. Perwitasari, O. Torrecilhas, A.C., Yan, X., Johnson, S., White, C., Tompkins, S.M., and R.A. Tripp. 2013 Targeting Cell Division Cycle 25 Homolog B (CDC25B) to Regulate Influenza Virus Replication. *J Virol*. 2013 Oct 9. [Epub ahead of print] PMID: 24109234
21. Gabbard, J., Dlugolenski, D., van Riel, D., Marshall, N., Galloway, S., Howerth, E., Campbell, P., Jones, C., Johnson, S., Byrd-Leotis, L., Steinhauer, D., Kuiken, T., Tompkins, S.M., Tripp, R., Lowen, A., and J. Steel. 2013 Novel H7N9 influenza virus shows low infectious dose, high growth and efficient contact transmission in the guinea pig model. *J Virol*. 2013 Nov 13. [Epub ahead of print]. PMID: 24227867

Spot Light Article

22. McCutcheon, K.M., Gray, J., Chen, N.Y., Liu, K., Park, M., Ellsworth, S., Tripp, R.A., Tompkins, S.M., Johnson, S.K., Samet, S., Pereira, L., Kauvar, L.M. (2014) Multiplexed screening of natural humoral immunity identifies antibodies at fine specificity for complex and dynamic viral targets. *MAbs*. 6(2):460-73. PMID: 24492306.

Ralph Tripp:

1. Phan SI, Chen Z, Xu P, Li Z, Gao X, Foster SL, Teng MN, Tripp RA, Sakamoto K, He B. A respiratory syncytial virus (RSV) vaccine based on parainfluenza virus 5 (PIV5). *Vaccine*. 2014 May 23;32(25):3050-7. doi: 10.1016/j.vaccine.2014.03.049. Epub 2014 Apr 8. PMID: 24717150 [PubMed - in process]
Free Article
2. McCutcheon KM, Gray J, Chen NY, Liu K, Park M, Ellsworth S, Tripp RA, Tompkins SM, Johnson SK, Samet S, Pereira L, Kauvar LM. Multiplexed screening of natural humoral immunity identifies antibodies at fine specificity for complex and dynamic viral targets. *MAbs*. 2014 Mar-Apr;6(2):460-73. doi: 10.4161/mabs.27760. Epub 2014 Jan 8. PMID: 24492306 [PubMed - in process]
3. Tripp RA. Respiratory Syncytial Virus (RSV) Modulation at the Virus-Host Interface Affects Immune Outcome and Disease Pathogenesis. *Immune Netw*. 2013 Oct;13(5):163-167. Epub 2013 Oct 26. Review. PMID: 24198740 [PubMed - as supplied by publisher] Free PMC Article
4. Jorquera PA, Oakley KE, Tripp RA. Advances in and the potential of vaccines for respiratory syncytial virus. *Expert Rev Respir Med*. 2013 Aug;7(4):411-27. doi: 10.1586/17476348.2013.814409. Review. PMID: 23964629 [PubMed - indexed for MEDLINE]

Thursday, June 19, 2014

5. Dlugolenski D, Jones L, Tompkins SM, Cramer G, Wang LF, Tripp RA. Bat cells from *Pteropus alecto* are susceptible to influenza A virus infection and reassortment. *Influenza Other Respir Viruses*. 2013 Nov;7(6):900-3. doi: 10.1111/irv.12128. Epub 2013 May 27. PMID: 23710888 [PubMed - in process]
6. Fox JM, Sage LK, Huang L, Barber J, Klonowski KD, Mellor AL, Tompkins SM, Tripp RA. Inhibition of indoleamine 2,3-dioxygenase enhances the T-cell response to influenza virus infection. *J Gen Virol*. 2013 Jul;94(Pt 7):1451-61. doi: 10.1099/vir.0.053124-0. Epub 2013 Apr 11. PMID: 23580425 [PubMed - indexed for MEDLINE]
7. Sage LK, Fox JM, Tompkins SM, Tripp RA. Subsisting H1N1 influenza memory responses are insufficient to protect from pandemic H1N1 influenza challenge in C57BL/6 mice. *J Gen Virol*. 2013 Aug;94(Pt 8):1701-11. doi: 10.1099/vir.0.049494-0. Epub 2013 Apr 11. PMID: 23580424 [PubMed - indexed for MEDLINE]
8. Wu X, Xu C, Tripp RA, Huang YW, Zhao Y. Detection and differentiation of foodborne pathogenic bacteria in mung bean sprouts using field deployable label-free SERS devices. *Analyst*. 2013 May 21;138(10):3005-12. doi: 10.1039/c3an00186e. PMID: 23563168 [PubMed - indexed for MEDLINE]

Tracey Tuberville:

1. Maternal transfer of contaminants and reduced reproductive success of southern toads (*Bufo [Anaxyrus] terrestris*) exposed to coal combustion waste. Metts BS, Buhlmann KA, Tuberville TD, Scott DE, Hopkins WA. *Environ Sci Technol*. 2013 Mar 19;47(6):2846-53. doi: 10.1021/es303989u. Epub 2013 Feb 27. PMID: 23406432 [PubMed - in process]

John Vena:

1. Commodore AA, Zhang JJ, Chang Y, Hartinger SM, Lanata CF, Mäusezahl D, Gil AI, Hall DB, Aguilar-Villalobos M, Vena JE, Wang JS, Naeher LP. Concentrations of urinary 8-hydroxy-2'-deoxyguanosine and 8-isoprostane in women exposed to woodsmoke in a cookstove intervention study in San Marcos, Peru. *Environ Int*. 2013 Oct;60:112-22. doi: 10.1016/j.envint.2013.08.013. Epub 2013 Sep 14. PMID: 24041735 [PubMed - in process]
2. Horton DK, Adetona O, Aguilar-Villalobos M, Cassidy BE, Pfeiffer CM, Schleicher RL, Caldwell KL, Needham LL, Rathbun SL, Vena JE, Naeher LP. Changes in the concentrations of biochemical indicators of diet and nutritional status of pregnant women across pregnancy trimesters in Trujillo, Peru, 2004-2005. *Nutr J*. 2013 Jun 11;12:80. doi: 10.1186/1475-2891-12-80. PMID: 23758715 [PubMed - indexed for MEDLINE] Free PMC Article
3. Adetona O, Horton K, Sjodin A, Jones R, Hall DB, Aguilar-Villalobos M, Cassidy BE, Vena JE, Needham LL, Naeher LP. Concentrations of select persistent organic pollutants across pregnancy trimesters in maternal and in cord serum in Trujillo, Peru. *Chemosphere*. 2013 Jun;91(10):1426-33. doi: 10.1016/j.chemosphere.2013.01.043. Epub 2013 Feb 28. PMID: 23453434 [PubMed - indexed for MEDLINE]
4. Adetona O, Zhang JJ, Hall DB, Wang JS, Vena JE, Naeher LP. Occupational exposure to woodsmoke and oxidative stress in wildland firefighters. *Sci Total Environ*. 2013 Apr 1;449:269-

Thursday, June 19, 2014

75. doi: 10.1016/j.scitotenv.2013.01.075. Epub 2013 Feb 21. PMID: 23434577 [PubMed - indexed for MEDLINE]
5. St Helen G, Holland NT, Balmes JR, Hall DB, Bernert JT, Vena JE, Wang JS, Naeher LP. Utility of urinary Clara cell protein (CC16) to demonstrate increased lung epithelial permeability in non-smokers exposed to outdoor secondhand smoke. *J Expo Sci Environ Epidemiol*. 2013 Mar;23(2):183-9. doi: 10.1038/jes.2012.68. Epub 2012 Jul 18. PMID: 22805990 [PubMed - indexed for MEDLINE]

Maria Viveiros:

1. Hoyama E, Viveiros MM, Shiratori C, Oliveira DE, Padovani CR, Selva D, Schellini SA. Expression of Vascular Endothelial Growth Factor (VEGF) in Macrophages, Fibroblasts, and Endothelial Cells in Pterygium Treated with 5-Fluorouracil. *Semin Ophthalmol*. 2013 Oct 30. [Epub ahead of print] PMID: 24171833 [PubMed - as supplied by publisher]

Ken Voss:

1. Voss KA, Riley RT, Gelineau-van Waes J. Fumonisin B₁-induced neural tube defects were not increased in LM/Bc mice fed folate deficient diets. *Mol. Nutr. Food Res*. in press.
2. Torres O, Matute J, Gelineau-van Waes J, Maddox JR, Gregory SG, Ashley-Koch AE, Showker JL, Zitomer NC, Voss KA, Riley RT. Urinary fumonisin B₁ and estimated fumonisin intake in women from high and low exposure communities in Guatemala. *Mol. Nutr. Food Res*. in press.
3. Voss KA and Riley RT. Fumonisin toxicity and mechanism of action: overview and current perspectives. *Food Safety (Food Safety Commission of Japan)* 1:49-69, 2013.
4. Yamamoto S, Voss KA. Risk control and food safety. *Food Addit Contam Part A Chem Anal Control Risk Asses*, 30:1349-1350, 2013.
5. Voss KA, Riley RT, Moore ND, Burns TD. Alkaline cooking (nixtamalisation) and the reduction in the *in vivo* toxicity of fumonisin-contaminated corn in a rat feeding bioassay. *Food Addit Contam Part A Chem Anal Control Risk Asses*, 30:1415-1421, 2013.
6. Haschek, WM, Voss KA. Mycotoxins. In: *Handbook of Toxicologic Pathology, 3rd. Edition* (Haschek-Hock, WM, Rousseaux CG, Wallig, MA, Eds), Elsevier, pp. 1187-1258, 2013.

John Wagner:

1. Keralapurath MM, Clark JK, Hammond S, Wagner JJ. Cocaine- or stress-induced metaplasticity of LTP in the dorsal and ventral hippocampus. *Hippocampus*. 2014 Jan 27. doi: 10.1002/hipo.22250. [Epub ahead of print] PMID: 24464838 [PubMed - as supplied by publisher]
2. Hammond S, Wagner JJ. The context dependency of extinction negates the effectiveness of cognitive enhancement to reduce cocaine-primed reinstatement. *Behav Brain Res*. 2013 Sep 1;252:444-9. doi: 10.1016/j.bbr.2013.06.026. Epub 2013 Jun 21. PMID: 23796972 [PubMed - indexed for MEDLINE]
3. Hammond S, Seymour CM, Burger A, Wagner JJ. D-Serine facilitates the effectiveness of extinction to reduce drug-primed reinstatement of cocaine-induced conditioned place preference. *Neuropharmacology*. 2013 Jan;64:464-71. doi: 10.1016/j.neuropharm.2012.06.022. Epub 2012 Jun 20. PMID: 22728761 [PubMed - indexed for MEDLINE]

Jia-sheng Wang:

1. Shen CL, Chyu MC, Wang JS. Tea and bone health: steps forward in translational nutrition. *Am J Clin Nutr.* 2013 Dec;98(6 Suppl):1694S-1699S. doi: 10.3945/ajcn.113.058255. Epub 2013 Oct 30. Review. PMID: 24172296 [PubMed - indexed for MEDLINE]
2. Mohd Redzwan S, Rosita J, Mohd Sokhini AM, Nurul 'Aqilah AR, Wang JS, Kang MS, Zuraini A. Detection of serum AFB1-lysine adduct in Malaysia and its association with liver and kidney functions. *Int J Hyg Environ Health.* 2014 Apr-May;217(4-5):443-51. doi: 10.1016/j.ijheh.2013.08.007. Epub 2013 Sep 2. PMID: 24095591 [PubMed - in process]
3. Commodore AA, Zhang JJ, Chang Y, Hartinger SM, Lanata CF, Mäusezahl D, Gil AI, Hall DB, Aguilar-Villalobos M, Vena JE, Wang JS, Naehler LP. Concentrations of urinary 8-hydroxy-2'-deoxyguanosine and 8-isoprostane in women exposed to woodsmoke in a cookstove intervention study in San Marcos, Peru. *Environ Int.* 2013 Oct;60:112-22. doi: 10.1016/j.envint.2013.08.013. Epub 2013 Sep 14. PMID: 24041735 [PubMed - indexed for MEDLINE]
4. Qian G, Tang L, Guo X, Wang F, Massey ME, Su J, Guo TL, Williams JH, Phillips TD, Wang JS. Aflatoxin B1 modulates the expression of phenotypic markers and cytokines by splenic lymphocytes of male F344 rats. *J Appl Toxicol.* 2014 Mar;34(3):241-9. doi: 10.1002/jat.2866. Epub 2013 Mar 19. PMID: 23508487 [PubMed - in process]

Catherine White:

1. Sethi PK1, Muralidhara S2, Bruckner JV3, White CA4. Measurement of plasma protein and lipoprotein binding of pyrethroids. *J Pharmacol Toxicol Methods.* 2014 Jun 11. pii: S1056-8719(14)00219-6. doi: 10.1016/j.vascn.2014.06.002. [Epub ahead of print]

Xiaoqin Ye:

1. Zhao F., Li, R., Xiao, S., Diao, H., El Zowalaty, A.E., and Ye, X.* (2014) Multigenerational exposure to dietary zearalenone (ZEA), an estrogenic mycotoxin, affects puberty and reproduction in female mice. *Reprod Toxicol*, in press
2. Lin, Z., Dodd, C.A., Xiao, S., Krishna, S., Ye, X., Filipov, N.M. (2014) Gestational and lactational exposure to atrazine via the drinking water causes specific behavioral deficits and selectively alters monoaminergic systems in C57BL/6 mouse dams, juvenile and adult offspring. *Toxicol Sci*, in press
3. Xiao, S., Diao, H., Zhao, F., Li, R., He, N., and Ye, X.* (2014) Differential gene expression profiling of mouse uterine luminal epithelium during periimplantation. *Reprod Sci*; 21(3): 351-62. (PMID: 23885106)
4. Yoshinaga, K., Prabhudas, M., Davies, C., White, K., Caron, K., Golos, T., Fazleabas, A., Paria, B., Mor, G., Paul, S., Ye, X., Dey, S. K., Spencer, T., Roberts, R. M. (2014) Interdisciplinary Collaborative Team for Blastocyst Implantation Research: inception and perspectives. *Am. J. Reprod. Immunol.* 71(1), 1-11, 10.1111/aji.12173. (PMID: 24286196)
5. Li, R., Zhao, F., Diao, H., Xiao, S., Ye, X.* (2014) Postweaning dietary genistein exposure advances puberty without significantly affecting early pregnancy in C57BL/6J female mice. *Reprod Toxicol*; 44: 85-92. (PMID: 24365114)
6. Diao, H., Xiao, S., Howerth, E.W., Zhao, F., Li, R., Ard, M.B., and Ye, X.* (2013) Broad gap junction blocker carbenoxolone disrupts uterine preparation for embryo implantation in mice. *Biol Reprod*; 89(2):31. (PMID: 23843229)

Thursday, June 19, 2014

7. Xiao, S., Diao, H., Zhao, F., Li, R., and Ye, X.* (2013) Progesterone receptor-mediated regulation of N-acetylneuraminidase pyruvate lyase (NPL) in mouse uterine luminal epithelium and nonessential role of NPL in uterine function. *PLoS One*; 8(5):e65607. (PMCID: PMC3669229)
8. Diao, H., Xiao, S., Li, R., Zhao, F., and Ye, X.* (2013) Distinct spatiotemporal expression of serine proteases Prss23 and Prss35 in periimplantation mouse uterus and dispensable function of Prss35 in fertility. *PLoS ONE*; 8(2):e56757. (PMCID: PMC3579851)
9. Zhao, F., Li, R., Xiao, S., Diao, H., Viveiros, M.M., and Ye, X.* (2013) Postweaning dietary exposure to zearalenone (ZEA), a mycotoxin, promotes puberty onset and disrupts early pregnancy events in female mice. *Toxicol Sci*, 132(2):431-42. (PMCID: PMC3595522)
10. Chen, Q., Zhang, Y., Elad, D., Jaffa, A.J., Cao, Y., Ye, X.*, and Duan E. (2013) Navigating the site for embryo implantation: Biomechanical and molecular regulation of intrauterine embryo distribution. *Mol Aspects Med*; 34:1024-1042. (PMID: 22921800)

Jason Zastre:

1. Hanberry BS, Berger R, Zastre JA. High-dose vitamin B1 reduces proliferation in cancer cell lines analogous to dichloroacetate. *Cancer Chemother Pharmacol*. 2014 Jan 23. [Epub ahead of print] PMID: 24452394 [PubMed - as supplied by publisher]
2. Zastre JA, Sweet RL, Hanberry BS, Ye S. Linking vitamin B1 with cancer cell metabolism. *Cancer Metab*. 2013 Jul 24;1(1):16. doi: 10.1186/2049-3002-1-16. PMID: 24280319 [PubMed]
3. Zastre J, Dowd C, Bruckner J, Popovici A. Lack of P-glycoprotein-mediated efflux and the potential involvement of an influx transport process contributing to the intestinal uptake of deltamethrin, cis-permethrin, and trans-permethrin. *Toxicol Sci*. 2013 Dec;136(2):284-93. doi: 10.1093/toxsci/kft193. Epub 2013 Sep 7. PMID: 24014652 [PubMed - in process]
4. Hung SW, Mody H, Marrache S, Bhutia YD, Davis F, Cho JH, Zastre J, Dhar S, Chu CK, Govindarajan R. Pharmacological reversal of histone methylation presensitizes pancreatic cancer cells to nucleoside drugs: in vitro optimization and novel nanoparticle delivery studies. *PLoS One*. 2013 Aug 6;8(8):e71196. doi: 10.1371/journal.pone.0071196. Print 2013. PMID: 23940717 [PubMed - in process] Free PMC Article
5. Zastre JA, Hanberry BS, Sweet RL, McGinnis AC, Venuti KR, Bartlett MG, Govindarajan R. Up-regulation of vitamin B1 homeostasis genes in breast cancer. *J Nutr Biochem*. 2013 Sep;24(9):1616-24. doi: 10.1016/j.jnutbio.2013.02.002. Epub 2013 May 1. PMID: 23642734 [PubMed - in process]
6. Kis O, Zastre JA, Hoque MT, Walmsley SL, Bendayan R. Role of drug efflux and uptake transporters in atazanavir intestinal permeability and drug-drug interactions. *Pharm Res*. 2013 Apr;30(4):1050-64. doi: 10.1007/s11095-012-0942-y. Epub 2012 Dec 7. PMID: 23224979 [PubMed - indexed for MEDLINE]