

PUBLISHED: ABSTRACTS, BOOKS, & JOURNALS

‡ Grant Cited, * Grant Personnel

Abstracts	Reference	SPIDs
‡)	□ Assessment of genetic diversity in Pawpaw using endonuclease digestion of PCR □ products amplified with mitochondrial DNA primers. □ Danielle R. Roscoe, Snake C. Jones, Kirk W. Pomper, and T.S. Kochhar. The poster by Ms. Roscoe received second place in the poster competition in New and Emerging Technologies section of the meeting	0039
‡)	□ Synthesis and reactivity of 1,3,7,7-Tetramethyl-4H,10H-6,8,9-trioxa-2-thia-benzo[f]azulen-5-one □. Eniolami Dosunmu, K. Javed, presented at the Kentucky Academy of Science annual meeting, Northern Kentucky University, Nov. 2002.	0039
‡ *	Hagen, Tamara, Blaker, Alicia, and Schultheis, Patrick J. Identification of a Putative Magnesium Transporting P-type ATPase. Abstract. Annual Meeting of the Kentucky Academy of Sciences, Fall 2002, Northern Kentucky University (Alicia Balker presented)	0042
‡	□ Calcium, Magnesium, and Zinc content in green peppers grown on soils amended with biosolids or yard waste compost □. Alaji Bah, Z. Yin, G. Antonious, K. Javed, and C. Wang, presented at the 13th Association of Research Directors Biennial Research Symposium, Atlanta, March 29 to April 2, 2003.	0039
‡	□ Electrochemical Preparation of Tungsten Tips for Scanning Tunneling Microscope Probes □, Alaji Bah, R. Vallance, K. Javed, C. Trinkle, presented at the Annual Biomedical Conference for Minority Students, New Orleans, Nov. 13-16, 2002,	0039
‡	Khalyfa, A., Charles, I. Srinivasan, B., Roque, R., Cooper, N.G.F. and Neeraj Agarwal. 2003 Serum Deprivation Induced Apoptosis of retinal Ganglion Cells Involves Both the Intrinsic and Extrinsic Signal Transduction Pathways. ARVO	0004, 0003
‡	Laabich, A., Li, G. and Cooper N.G.F. 2002 N-Methyl-D-Aspartic Acid induced cell death in the retina is mediated in part through TNF-R1 and GADD pathways. ISER	
‡	Li, G., Laabich, A. Xue, J. and Cooper, N.G.F. 2003 Gene Expression Profiling of Rat Retina during Light Deprivation. SFN	0004
‡	Rouchka, E.C. and Cooper, N.G.F. 2003 Statewide Bioinformatics in Kentucky. ISMB	0003
‡	Rouchka, E.C., Khalyfa, A. and Cooper, N.G.F. 2003 MPRIME: Efficient Large Scale Multiple Primer Design for Customized Microarrays. ISMB	0004, 0003
Journals	Reference	
PMID Not Provided	Bardgett, M. E. & Griffith, M. S. (2003). Clozapine improves spatial memory deficits produced by hippocampal damage in rats. Schizophrenia Research, 60(suppl), 56 .	0042
PMID Not Provided	Bardgett, M. E., Humphrey, W. M. & Csernansky, J. G. (2002) The effects of excitotoxic hippocampal lesions on risperidone- and olanzapine-induced locomotor suppression. Neuropsychopharmacology, 27, 930-938.	0042

		SPIDs
PMID11834305	BERANOVA-GIORGIANNI, S;PABST, M J;RUSSELL, T M;GIORGIANNI, F;GOLDOWITZ, D*;DESIDERIO, D M Preliminary analysis of the mouse cerebellum proteome. <i>Brain Res Mol Brain Res</i> 98 135-40 2002	
PMID Not Provided	Bilotta, J., Saszik, S., Givin, C.M., Hardesty, H.R & Sutherland, S.E. Effects of embryonic exposure to ethanol on zebrafish visual function. <i>Neurotoxicology and Teratology</i> , 24, 759-766. 2002	0016
PMID12473001	BINDER, E F;SCHECHTMAN, K B;EHSANI, A A;STEGER-MAY, K;BROWN, M*;SINACORE, D R;YARASHESKI, K E;HOLLOSZY, J O Effects of exercise training on frailty in community-dwelling older adults: results of a randomized, controlled trial. <i>J Am Geriatr Soc</i> 50 1921-8 2002	
PMID12419838	BOOCOCK, D J;BROWN, K;GIBBS, A H;SANCHEZ, E;TURTELTaub, K W;WHITE, I N* Identification of human CYP forms involved in the activation of tamoxifen and irreversible binding to DNA. <i>Carcinogenesis</i> 23 1897-901 2002	
PMID11896007	BROWN, M D*;DENGEL, D R;HOGIKYAN, R V;SUPIANO, M A Sympathetic activity and the heterogenous blood pressure response to exercise training in hypertensives. <i>J Appl Physiol</i> 92 1434-42 2002	
PMID12177162	BROWN, M L*;YUI, K;SMITH, J D;LEBOEUF, R C;WENG, W;UMEDA, P K;LI, R;SONG, R;GIANTURCO, S H;BRADLEY, W A The murine macrophage apoB-48 receptor gene (Apob-48r): homology to the human receptor. <i>J Lipid Res</i> 43 1181-91 2002	
PMID11855860	DEJESUS, V;RIOS, I;DAVIS, C*;CHEN, Y;CALHOUN, D;ZAKERI, Z;HUBBARD, K Induction of apoptosis in human replicative senescent fibroblasts. <i>Exp Cell Res</i> 274 92-9 2002	
PMID12388790	DENGEL, D R;BROWN, M D*;FERRELL, R E;Reynolds, T H;SUPIANO, M A Exercise-induced changes in insulin action are associated with ACE gene polymorphisms in older adults. <i>Physiol Genomics</i> 11 73-80 2002	
PMID11773339	ERTL, A C;DIEDRICH, A;BIAGGIONI, I;LEVINE, B D;ROBERTSON, R M;COX, J F*;ZUCKERMAN, J H;PAWELCZYK, J A;RAY, C A;Buckey, J C;LANE, L D;SHIAMI, R;GAFFNEY, F A;COSTA, F;HOLT, C;BLUMQVIST, C G;ECKBERG, D L;BAISCH, F J;ROBERTSON, D Human muscle sympathetic nerve activity and plasma noradrenaline kinetics in space. <i>J Physiol</i> 538 321-9 2002	
PMID Not Provided	Evelyn N. Hiatt and R. Kelly Dawe. 2003. The meiotic drive system in maize abnormal chromosome 10 contains few essential genes. <i>Genetica</i> 117: 67-76.	0018
PMID12556683	FERRANTELLI, F H;HOFMANN-LEHMANN, R H;RASMUSSEN, R A;WANG, T A;XU, W A;LI, P L;MONTEFIORI, D C;CAVACINI, L A;KATINGER, H A;STIEGLER, G A;ANDERSON, D C*;MCCLURE, H M;RUPRECHT, R M Post-exposure prophylaxis with human monoclonal antibodies prevented SHIV89.6P infection or disease in neonatal macaques. <i>AIDS</i> 17 301-9 2003	
PMID Not Provided	Gawenis LR, Stien X, Shull GE, Schultheis PJ, Woo AL, Walker NM, Clarke LL. Intestinal NaCl transport in NHE2 and NHE3 knockout mice. <i>Am J Physiol Gastrointest Liver Physiol</i> . 2002 May;282(5):G776-84.	0042

SPIDs

PMID12394793 GEORGE, S L;GEBHARDT, J;KLINZMAN, D;FOSTER, M B*;PATRICK, K D;SCHMIDT, W N;ALDEN, B;PFALLER, M A;STAPLETON, J T Hepatitis C virus viremia in HIV-infected individuals with negative HCV antibody tests. *J Acquir Immune Defic Syndr* 31 154-62 2002

PMID11842043 HAGBERG, J M;MCCOLE, S D;BROWN, M D*;FERRELL, R E;WILUND, K R;HUBERTY, A;DOUGLASS, L W;MOORE, G E ACE insertion/deletion polymorphism and submaximal exercise hemodynamics in postmenopausal women. *J Appl Physiol* 92 1083-8 2002

PMID12545074 HOFMANN-LEHMANN, R R;VLASAK, J R;WILLIAMS, A L;CHENINE, A L;MCCLURE, H M;ANDERSON, D C*;O'NEIL, S C;RUPRECHT, R M Live attenuated, nef-deleted SIV is pathogenic in most adult macaques after prolonged observation. *AIDS* 17 157-66 2003

PMID11967343 † HOFMANN-LEHMANN, R;VLASAK, J;CHENINE, A L;LI, P L;BABA, T W;MONTEFIORI, D C;MCCLURE, H M;ANDERSON, D C*;RUPRECHT, R M Molecular evolution of human immunodeficiency virus env in humans and monkeys: similar patterns occur during natural disease progression or rapid virus passage. *J Virol* 76 5278-84 2002

PMID12199582 HU, S;REN, X;BACHMAN, M;SIMS, C E;LI, G P*;ALLBRITTON, N Surface modification of poly(dimethylsiloxane) microfluidic devices by ultraviolet polymer grafting. *Anal Chem* 74 4117-23 2002

PMID12549750 KING, W*;LEVIN, R;SCHMIDT, R;OESTREICH, A;HEUBI, J E Prevalence of reduced bone mass in children and adults with spastic quadriplegia. *Dev Med Child Neurol* 45 12-6 2003

PMID12167297 KLEVBERG, G L;ANDERSON, D I* Visual and haptic perception of postural affordances in children and adults. *Hum Mov Sci* 21 169-86 2002

PMID12097314 KORSZUN, A;YOUNG, E A;SINGER, K;CARLSON, N E;BROWN, M B*;CROFFORD, L Basal circadian cortisol secretion in women with temporomandibular disorders. *J Dent Res* 81 279-83 2002

PMID12239346 LI, G*;IYENGAR, R Calpain as an effector of the Gq signaling pathway for inhibition of Wnt/beta-catenin-regulated cell proliferation. *Proc Natl Acad Sci U S A* 99 13254-9 2002

PMID12218428 LIN, H;YEH, C B;PETERSON, B S;SCAHILL, L;GRANTZ, H;FINDLEY, D B;KATSOVICH, L;OTKA, J;LOMBROSO, P J;KING, R A*;LECKMAN, J F Assessment of symptom exacerbations in a longitudinal study of children with Tourette's syndrome or obsessive-compulsive disorder. *J Am Acad Child Adolesc Psychiatry* 41 1070-7 2002

PMID12181363 MCCOLE, S D;BROWN, M D*;MOORE, G E;FERRELL, R E;WILUND, K R;HUBERTY, A;DOUGLASS, L W;HAGBERG, J M Angiotensinogen M235T polymorphism associates with exercise hemodynamics in postmenopausal women. *Physiol Genomics* 10 63-9 2002

PMID12363294 MCGARRY, T;ANDERSON, D I*;WALLACE, S A;HUGHES, M D;FRANKS, I M Sport competition as a dynamical self-organizing system. *J Sports Sci* 20 771-81 2002

PMID Not Provided Miller ML, Judd LM, Van Driel IR, Andringa A, Flagella M, Bell SM, Schultheis PJ, Spicer Z, Shull GE. The unique ultrastructure of secretory membranes in gastric parietal cells depends upon the presence of H(+), K(+)-ATPase. *Cell Tissue Res.* 2002 Sep;309(3):369-80.

0042

		SPIDs
PMID11987591	MYERS, H F;LESSER, I;RODRIGUEZ, N;MIRA, C B;HWANG, W C;CAMP, C;ANDERSON, D*;ERICKSON, L;WOHL, M Ethnic differences in clinical presentation of depression in adult women. <i>Cultur Divers Ethnic Minor Psychol</i> 8 138-56 2002	
PMID Not Provided	Rouchka, E.C., Gish, Warren, and States, D.J. Compariosn of whole genome assemblies of the human genome	0003
PMID Not Provided	Saszik, S., Alexander, A. Lawrence, T. & Bilotta, J. APB differentially affects the cone contributions to the zebrafish ERG. <i>Visual Neuroscience</i> , 19, 521-29. 2002.	0016
PMID11779602	SITES, C K*;TOTH, M J;CUSHMAN, M;L'HOMMEDIEU, G D;TCHERNOF, A;TRACY, R P;POEHLMAN, E T Menopause-related differences in inflammation markers and theirrelationship to body fat distribution and insulin-stimulated glucosedisposal. <i>Fertil Steril</i> 77 128-35 2002	
PMID12500082	SUKHODOLSKY, D G;SCAHILL, L;ZHANG, H;PETERSON, B S;KING, R A*;LOMBROSO, P J;KATSOVICH, L;FINDLEY, D;LECKMAN, J F Disruptive behavior in children with Tourette's syndrome: association withADHD comorbidity, tic severity, and functional impairment. <i>J Am Acad Child Adolesc Psychiatry</i> 42 98-105 2003	
PMID11925307	TAYLOR, J R;MORSHED, S A;PARVEEN, S;MERCADANTE, M T;SCAHILL, L;PETERSON, B S;KING, R A*;LECKMAN, J F;LOMBROSO, P J An animal model of Tourette's syndrome. <i>Am J Psychiatry</i> 159 657-60 2002	
PMID11827920	TCHERNOF, A;NOLAN, A;SITES, C K*;ADES, P A;POEHLMAN, E T Weight loss reduces C-reactive protein levels in obese postmenopausalwomen. <i>Circulation</i> 105 564-9 2002	
PMID Not Provided	‡ Thompson, William, Rouchka, E.C. and Lawrence, Charles. Gibbs Recursive Sampler: finding transcription factor binding sites. <i>Nucleic Aicds Research</i> , 2003, Vol.31. No. 13	0003
PMID11887168	TOTH, M J;SITES, C K*;POEHLMAN, E T;TCHERNOF, A Effect of menopausal status on lipolysis: comparison of plasma glycerollevels in middle-aged, premenopausal and early, postmenopausal women. <i>Metabolism</i> 51 322-6 2002	
PMID12552421	TUOMALA, R E;O'DRISCOLL, P T;BREMER, J W;JENNINGS, C W;XU, C W;READ, J S;MATZEN, E S;LANDAY, A S;ZORRILLA, C S;BLATTNER, W S;CHARURAT, M S;ANDERSON, D J* Cell-associated genital tract virus and vertical transmission of humanimmunodeficiency virus type 1 in antiretroviral-experienced women. <i>J Infect Dis</i> 187 375-84 2003	
PMID12549739	WEILAND, J D;ANDERSON, D J*;HUMAYUN, M S In vitro electrical properties for iridium oxide versus titanium nitridestimulating electrodes. <i>IEEE Trans Biomed Eng</i> 49 1574-9 2002	