

- Valbuzzi, A., P. Gollnick, **P. Babitzke**, and C. Yanofsky. The anti-TRAP protein AT recognizes the tryptophan-activated RNA binding domain of the TRAP regulatory protein. J. Biol. Chem. 277:10608-10613.
- Baker, C.S., I. Morozov, K. Suzuki, T. Romeo, and **P. Babitzke**. CsrA regulates glycogen biosynthesis by preventing translation of glgC in *Escherichia coli*. Mol. Microbiol. 44:1599-1610.
- Yakhnin, A.V., and **P. Babitzke**. NusA-stimulated RNA polymerase pausing and termination participates in the *Bacillus subtilis trp* operon attenuation mechanism *in vitro*. Proc. Natl. Acad. Sci. USA 99:11067-11072.
- Suzuki, K., X. Wang, T. Weilbacher, A.-K. Pernestig, Ö. Melefors, D. Georgellis, **P. Babitzke**, and T. Romeo. Regulatory circuitry of the CsrA/CsrB and BarA/UvrY systems of *Escherichia coli*. J. Bacteriol. 184:5130-5140.
- Gollnick, P., and **P. Babitzke**. Transcription attenuation. Biochim. Biophys. Acta. 1577:240-250.
- Gollnick, P., **P. Babitzke**, E. Merino, and C. Yanofsky. Aromatic amino acid metabolism in *Bacillus subtilis*. In: *Bacillus subtilis* and Its Close Relatives: From Genes to Cells. (A. Sonenshein, ed.), pp. 233-244, American Society for Microbiology, Washington, D.C.
- Yun, D., C. Krebs, G.P. Gupta, D.F. Iwig, B.H. Huynh, and **J.M. Bollinger, Jr.** Facile electron transfer during formation of cluster X and kinetic competence of X for tyrosyl radical production in protein R2 of ribonucleotide reductase from mouse. Biochemistry. 41:981-990.
- Krebs, C., **J.M. Bollinger, Jr.**, E.C. Thiel, and B.H. Huynh. Exchange coupling constant J of peroxodiferric reaction intermediates determined by Mössbauer spectroscopy. J. Biol. Inorg. Chem. 7:863-869.
- Vassilieva, E.V., J.G. Ormerod, and **D.A. Bryant**. Biosynthesis of chlorosome proteins is not inhibited in acetylene-treated cultures of *Chlorobium vibrioforme*. Photosynth. Res. 71:69-81.
- Antonkine, M.L., G. Liu, D. Bentrop, I. Bertini, C. Luchinat, **D. A. Bryant**, J.H. Golbeck, and D. Stehlik. Solution structure of the unbound, oxidized photosystem I subunit PsaC, containing [4Fe-4S] clusters F_A and F_B. Conformational change upon binding to Photosystem I. J. Biol. Inorg. Chem. 7:461-472.
- Sakuragi, Y., B. Zybailov, G. Shen, A.D. Jones, P.R. Chitnis, A. van der Est, R. Bittl, S. Zech, D. Stehlik, J.H. Golbeck, and **D.A. Bryant**. Insertional inactivation of the *menG* Gene, encoding 2-phytyl-1,4-naphthoquinone methyltransferase of *Synechocystis* sp. PCC 6803, results in the incorporation of 2-phytyl-1,4-naphthoquinone into the A₁ site and alteration of the equilibrium constant between A₁ and F_X in Photosystem I. Biochemistry. 41:394-405.
- Eisen, J.A., K.E. Nelson, I.T. Paulsen, J.F. Heidelberg, M. Wu, R.J. Dodson, R. Deboy, M.L. Gwinn, W.C. Nelson, D.H. Haft, E.K. Hickey, J.D. Peterson, A.S. Durkin, J.L. Kolonay, F. Yang, I. Holt, L.A. Umayam, T. Mason, M. Brenner, T.P. Shea, D. Parksey, T.V. Feldblyum, C.L. Hansen, M.B. Craven, D. Radune, H. Khouri, C.Y. Fujii, O. White, J.C. Venter, N. Volfovsky, T.M. Gruber, K.A. Ketchum, H. Tettelin, **D.A. Bryant**, and C.M. Fraser. The complete genome sequence of the green sulfur bacterium *Chlorobium tepidum*. Proc. Natl. Acad. Sci. USA. 99:9509-9514.

- Vassilieva, E.V., V.L. Stirewalt, C.U. Jakobs, N.-U. Frigaard, M.A. Baker, A. Sotak, and **D.A. Bryant**. Cellular localization of chlorosome proteins in *Chlorobium tepidum*. Cloning and characterization of genes encoding CsmH, CsmF, and three additional chlorosome-associated polypeptides. Biochemistry. 41:4358-4370.
- Safarov, N., S. Miletta, S. Ciurli, S.K. Christensen, K. Kornetzky, **D.A. Bryant**, I. Vendenberghe, B. Devreese, H. Remaut, and J. V. Van Beeumen. Molecular characterization of *Bacillus pasteurii* UreE, a metal-binding chaperone for assembly of the urease active site. J. Biol. Inorg. Chem. 7:623-631.
- Frigaard, N.-U., G.D. Voigt, and **D.A. Bryant**. A bacteriochlorophyll *c*-less mutant of *Chlorobium tepidum* made by inactivation of the *bchK* gene encoding bacteriochlorophyll *c* synthase. J. Bacteriol. 184:3368-3376.
- Scott, N.L., C.J. Falzone, D.A. Vuletich, J. Zhao, **D.A. Bryant**, and J.T.J. Lecomte. Truncated hemoglobin from the cyanobacterium *Synechococcus* sp. PCC 7002. Evidence for hexacoordination and covalent adduct formation in the ferric recombinant protein. Biochemistry. 41:6902-6910.
- Shen, G., J. Zhao, S.K. Reimer, M.L. Antonkine, Q. Cai, S.M. Weiland, J.H. Golbeck, and **D. A. Bryant**. Assembly of [4Fe-4S] clusters in Photosystem I. I. Inactivation of the *rubA* gene encoding a membrane-associated rubredoxin in the cyanobacterium *Synechococcus* sp. PCC 7002 causes a loss of photosystem I activity. J. Biol. Chem. 277:20343-20354.
- Shen, G., M.L. Antonkine, A. van der Est, I.R. Vassiliev, K. Brettel, R. Bittl, S.G. Zech, J. Zhao, D. Stehlik, **D. A. Bryant**, and J.H. Golbeck. Assembly of [4Fe-4S] clusters in Photosystem I. II. Rubredoxin is required for the *in vivo* assembly of F_X in *Synechococcus* Sp. PCC 7002 as shown by optical and EPR spectroscopy. J. Biol. Chem. 277:20355-20366.
- Sakamoto, T., and **D. A. Bryant**. Synergistic effect of high-light and low temperature on cell growth of the $\Delta 12$ fatty acid desaturase mutant in *Synechococcus* sp. PCC 7002. Photosynth. Res. 42:231-242.
- Camarero, J.A., A. Shekhtman, E.A. Campbell, M. Chlenov, T.M. Gruber, **D. A. Bryant**, S.A. Darst, D. Cowburn, and T.W. Muir. Autoregulation of a bacterial sigma factor explored by using segmental isotopic labeling and NMR. Proc. Natl. Acad. Sci. USA. 99:8536-8541.
- Bryant, D.A.**, N.-U. Frigaard, E.V. Vassilieva, and H. Li. Selective protein extraction from chlorosomes of *Chlorobium tepidum* using detergents: evidence that CsmA forms multimers and binds bacteriochlorophyll *a*. Biochemistry. 41:14403-14411.
- Schluchter, W.M., and **D.A. Bryant**. Analysis and reconstitution of phycobiliproteins: methods for the characterization of bilin attachment reactions. In: Analytical Methods for Chlorophyll, Heme, and Related Molecules. (M. Witty and A. Smith, eds.), pp. 311-334, Humana Press, Totowa, NJ.
- Frigaard, N.-U., E.V. Vassilieva, H. Li, K.J. Milks, J. Zhao, and **D. A. Bryant**. The remarkable chlorosome. In: PS2001 Proceedings, 12th International Congress on Photosynthesis, Brisbane, Australia. Article S1-003. CSIRO Publishing, Canberra, Australia.
- Morris, P.D., A.K. Byrd, A.J. Tackett, **C.E. Cameron**, and K.D. Raney. NS3 helicase displaces streptavidin from 5'-biotinylated oligonucleotides but not from 3'-biotinylated oligonucleotides: Evidence for a directional bias in translocation on single-stranded DNA. Biochemistry. 41:2372-2378.
- Harki, D.A., J.D. Graci, V.S. Korneeva, S.K.B. Ghosh, Z. Hong, **C. E. Cameron**, and B.R. Peterson. Synthesis and antiviral evaluation of a mutagenic and non-hydrogen bonding ribonucleoside analogue: 1- β -D-ribofuranosyl-3-nitropyrrole. Biochemistry. 41:9026-9033.

Green, K.Y., A. Mory, M.H. Fogg, A. Weisberg, G. Belliot, M. Wagner, T. Mitra, E. Ehrenfeld, **C.E. Cameron**, and S.V. Sosnovtsev. Isolation of enzymatically-active replication complexes from feline calicivirus-infected cells. J. Virol. 76:8582-8595.

Pathak, H.P., S.K.B. Ghosh, A.W. Roberts, S.D. Sharma, J.D. Yoder, J.J. Arnold, D.W. Gohara, D.J. Barton, A.V. Paul, and **C.E. Cameron**. Structure-function relationships of the RNA-dependent RNA polymerase from poliovirus (3Dpol): A surface of the primary oligomerization domain functions in capsid precursor processing and VPg uridylylation. J. Biol. Chem. 277:31551-31562.

Gorbalenya, A.E., F.M. Pringle, J.-L. Zeddari, B.T. Luke, **C.E. Cameron**, J. Kalkmakoff, T. Hanzlik, K. Gordon, and V.K. Ward. The palm subdomain-based active site is internally permuted in viral RNA-dependent RNA polymerases of an ancient lineage. J. Mol. Biol. 324:47-62.

Cameron, C. E., D.W. Gohara, and J.J. Arnold. Poliovirus RNA-dependent RNA polymerase (3Dpol): Structure, function and mechanism. In: Molecular Biology of Picornaviruses. (B. L. Semler and E. Wimmer, eds.), pp. 255-267, ASM Press, Washington, D.C.

Graci, J.D., and **C. E. Cameron**. Quasispecies, error catastrophe and the antiviral activity of ribavirin. Virology. 298:175-180.

Hong, Z., and **C. E. Cameron**. Pleiotropic mechanisms of ribavirin antiviral activities. Prog. Drug Res. 59:41-69.

Crotty, S., **C. Cameron**, and R. Andino. Ribavirin's antiviral mechanism of action: lethal mutagenesis? J. Mol. Med. 80:86-95.

Tripp, B.C., C. Tu, and **J.G. Ferry**. Role of arginine 59 in the β -class carbonic anhydrases. Biochemistry. 41:669-678.

Galagan, J.E., C. Nusbaum, A. Roy, M.G. Endrizzi, M. Pendexter, W. FitzHugh, S. Calvo, R. Engels, S. Smirnov, D. Atnoor, A. Brown, N. Allen, J. Naylor, N. Stange-Thomann, K. DeArellano, R. Johnson, L. Linton, P. McEwan, K. McKernan, J. Talamas, A. Tirrell, W. Ye, A. Zimmer, R.D. Barber, I. Cann, D.E. Graham, D.A. Grahame, A. Guss, R. Hedderich, C. Ingram-Smith, H.C. Kuettner, J.A. Krzycki, J.A. Leigh, W. Li, J. Liu, B. Mukhopadhyay, J.N. Reeve, K. Smith, T. Springer, L.A. Umayam, O. White, R.H. White, E. Conway de Macario, **J.G. Ferry**, K.F. Jarrell, H. Jing, A.J.L. Macario, I. Paulsen, M. Pritchett, K.R. Sowers, R.V. Swanson, S.H. Zinder, E. Lander, W.W. Metcalf, and B. Birren. The genome of *Methanosarcina acetivorans* reveals unprecedented metabolic and physiological diversity. Genome Res. 12:532-542.

Miles, R.D., A. Gorrell, and **J.G. Ferry**. Evidence for a transition state analog, MgADP-aluminum fluoride-acetate, in acetate kinase from *Methanosarcina thermophila*. J. Biol. Chem. 277:22547-22552.

Smith, K.S., C. Ingram-Smith, and **J.G. Ferry**. Roles of the conserved aspartate and arginine in the catalytic mechanism of an archaeal β -class carbonic anhydrase. J. Bacteriol. 184:4240-4245.

Ding, Y.H., S.P. Zhang, J.F. Tomb, and **J.G. Ferry**. Genomic and proteomic analyses reveal multiple homologs of genes encoding enzymes of the methanol:coenzyme M methyltransferase system that are differentially expressed in methanol- and acetate-grown *Methanosarcina thermophila*. FEMS Microbiol. Lett. 215:127-132.

Tu, C., B.C. Tripp, R. Rowlett, **J.G. Ferry**, and D.N. Silverman. Chemical rescue of proton transfer in catalysis by carbonic anhydrases in the beta and gamma class. Biochemistry. 41:15429-15435.

Sowers, K.R., and **J.G. Ferry**. Methanogenesis in the marine environment. In: The Encyclopedia of Environmental Microbiology. (G. Bitton, ed.), pp. 1913-1923, John Wiley & Sons, Inc.

Stains, J.P., J.A. Weber, and **C.V. Gay** Expression of Na⁺/Ca²⁺ exchanger isoforms (NCX1 and NCX3) and plasma membrane Ca²⁺ ATPase during osteoblast differentiation. J. Cell. Biochem. 84:625-635.

Shiels, M.S., A.M. Mastro, and **C.V. Gay**. The effect of donor age on the sensitivity of osteoblasts to the proliferative effects of TGF β and 1,25 (OH)₂ vitamin D₃. Life Sci. 70:2967-2975.

Wang, X., G.J. Fosmire, **C.V. Gay**, and R.M. Leach. Short-term zinc deficiency inhibits chondrocyte proliferation and induces cell apoptosis in the epiphyseal growth plate of young chickens. J. Nutr. 132:665-673.

Leibovitch, B.A., Q. Lu, L.R. Benjamin, Y. Liu, **D.S. Gilmour**, and S.C. Elgin. GAGA factor and the TFIID complex collaborate in generating an open chromatin structure at the *Drosophila melanogaster* hsp26 promoter. Mol. Cell. Biol. 22:6148-6157.

Sakuragi, Y., B. Zybailov, G. Shen, A.D. Jones, P.R. Chitnis, A. van der Est, R. Bittl, S. Zech, D. Stehlik, **J.H. Golbeck**, and D.A. Bryant. Insertional inactivation of the *menG* Gene, encoding 2-phytyl-1,4-naphthoquinone methyltransferase of *Synechocystis* sp. PCC 6803, results in the incorporation of 2-phytyl-1,4-naphthoquinone into the A₁ site and alteration of the equilibrium constant between A₁ and F_X in Photosystem I. Biochemistry. 41:394-405.

Antonkine, M.L., D. Bontrop, I. Bertini, C. Luchinat, G. Shen, D.A. Bryant, **J.H. Golbeck**, and D. Stehlik. NMR solution structure of the unbound, oxidized Photosystem I subunit PsaC containing [4Fe-4S] clusters F_A and F_B. A conformational change occurs upon binding to Photosystem I. J. Biol. Inorg. Chem. 7:461-472.

Shen, G., J. Zhao, S.K. Reimer, M.L. Antonkine, Q. Cai, S.M. Weiland, **J.H. Golbeck**, and D.A. Bryant. Assembly of [4Fe-4S] clusters in Photosystem I. I. Inactivation of the *rubA* gene encoding a membrane-associated rubredoxin in the cyanobacterium *Synechococcus* sp. PCC 7002 causes a loss of photosystem I activity. J. Biol. Chem. 277:20343-20354.

Shen, G., M.L. Antonkine, A. van der Est, I.R. Vassiliev, K. Brettel, R. Bittl, S.G. Zech, J. Zhao, D. Stehlik, D.A. Bryant, and **J.H. Golbeck**. Assembly of [4Fe-4S] clusters in Photosystem I. II. Rubredoxin is required for the *in vivo* assembly of F_X in *Synechococcus* Sp. PCC 7002 as shown by optical and EPR spectroscopy. J. Biol. Chem. 277:20355-20366.

Shinkarev, V.P., B. Zybailov, I.R. Vassiliev, and **J.H. Golbeck**. Mathematical modeling of the P700⁺ charge recombination kinetics with phyloquinone and plastoquinone-9 in the A₁ site of Photosystem I. Biophys. J. 83:2885-2897.

Hanna-Rose, W., and M. Han. The *Caenorhabditis elegans* EGL-26 protein mediates vulval cell morphogenesis. Dev. Biol. 241:247-258.

Hardison, R.C., D.H.K. Chui, B. Giardine, C. Riemer, G.P. Patrinos, N. Anagnou, W. Miller and H. Wajcman. HbVar: A relational database of human hemoglobin variants and thalassemia mutations at the globin gene server. Hum. Mutat. 19:225-233.

Molete, J.M., H. Petrykowska, M. Sigg, W. Miller, and **R. C. Hardison**. Functional and binding studies of HS3.2 of the beta-globin locus control region. Gene. 283:185-197.

Elnitski, L., C. Riemer, H. Petrykowska, S. Schwartz, L. Florea, W. Miller, and **R.C. Hardison**. PipTools: A computational toolkit to annotate and analyze pairwise comparisons of genomic sequences. Genomics. 80:681-690.

Waterston, R.H., K. Lindblad-Toh, E. Birney, J. Rogers, J.F. Abril, P. Agarwal, R. Agarwala, R. Ainscough, M. Alexandersson, P. An, S.E. Antonarakis, J. Attwood, R. Baertsch, J. Bailey, K. Barlow, S. Beck, E. Berry, B. Birren, T. Bloom, P. Bork, M. Botcherby, N. Bray, M.R. Brent, D.G. Brown, S.D. Brown, C. Bult, J. Burton, J. Butler, R.D. Campbell, P. Carninci, S. Cawley, F. Chiaromonte, A.T. Chinwalla, D.M. Church, M. Clamp, C. Clee, F.S. Collins, L.L. Cook, R.R. Copley, A. Coulson, O. Couronne, J. Cuff, V. Curwen, T. Cutts, M. Daly, R. David, J. Davies, K.D. Delehaunty, J. Deri, E.T. Dermitzakis, C. Dewey, N.J. Dickens, M. Diekhans, S. Dodge, I. Dubchak, D.M. Dunn, S.R. Eddy, L. Elnitski, R.D. Emes, P. Esvara, E. Eyra, A. Felsenfeld, G.A. Fewell, P. Flicek, K. Foley, W.N. Frankel, L.A. Fulton, R.S. Fulton, T.S. Furey, D. Gage, R.A. Gibbs, G. Glusman, S. Gnerre, N. Goldman, L. Goodstadt, D. Grafham, T.A. Graves, E.D. Green, S. Gregory, R. Guigo, M. Guyer, **R.C. Hardison**, D. Haussler, Y. Hayashizaki, L.W. Hillier, A. Hinrichs, W. Hlavina, T. Holzer, F. Hsu, A. Hua, T. Hubbard, A. Hunt, I. Jackson, D.B. Jaffe, L.S. Johnson, M. Jones, T.A. Jones, A. Joy, M. Kamal, E.K. Karlsson, D. Karolchik, A. Kasprzyk, J. Kawai, E. Keibler, C. Kells, W.J. Kent, A. Kirby, D.L. Kolbe, I. Korf, R.S. Kucherlapati, E.J. Kulbokas, D. Kulp, T. Landers, J.P. Leger, S. Leonard, I. Letunic, R. Levine, J. Li, M. Li, C. Lloyd, S. Lucas, B. Ma, D.R. Maglott, E.R. Mardis, L. Matthews, E. Mauceli, J.H. Mayer, M. McCarthy, W.R. McCombie, S. McLaren, K. McLay, J.D. McPherson, J. Meldrim, B. Meredith, J.P. Mesirov, W. Miller, T.L. Miner, E. Mongin, K.T. Montgomery, M. Morgan, R. Mott, J.C. Mullikin, D.M. Muzny, W.E. Nash, J.O. Nelson, M.N. Nhan, R. Nicol, Z. Ning, C. Nusbaum, M.J. O'Connor, Y. Okazaki, K. Oliver, E. Overton-Larty, L. Pachter, G. Parra, K.H. Pepin, J. Peterson, P. Pevzner, R. Plumb, C.S. Pohl, A. Poliakov, T.C. Ponce, C.P. Ponting, S. Potter, M. Quail, A. Reymond, B.A. Roe, K.M. Roskin, E.M. Rubin, A.G. Rust, R. Santos, V. Sapojnikov, B. Schultz, J. Schultz, M.S. Schwartz, S. Schwartz, C. Scott, S. Seaman, S. Searle, T. Sharpe, A. Sheridan, R. Shownkeen, S. Sims, J.B. Singer, G. Slater, A. Smit, D.R. Smith, B. Spencer, A. Stabenau, N. Stange-Thomann, C. Sugnet, M. Suyama, G. Tesler, J. Thompson, D. Torrents, E. Trevaskis, J. Tromp, C. Ucla, A. Ureta-Vidal, J.P. Vinson, A.C. Von Niederhausern, C.M. Wade, M. Wall, R.J. Weber, R.B. Weiss, M.C. Wendl, A.P. West, K. Wetterstrand, R. Wheeler, S. Whelan, J. Wierzbowski, D. Willey, S. Williams, R.K. Wilson, E. Winter, K.C. Worley, D. Wyman, S. Yang, S.P. Yang, E.M. Zdobnov, M.C. Zody, and E.S. Lander. Initial sequencing and comparative analysis of the mouse genome. Nature. 420:520-562.

Tsukamoto, T., T. Ando, G. Hashimoto, E. Suarez, E. Marchesi, A.K. Oyama, and **T.-h. Kao**. Differentiation in the status of self-incompatibility among *Calibrachoa* species (Solanaceae). J. Plant Res. 115:185-193.

Krebs, C., W.E. Broderick, T.F. Henshaw, J.B. Broderick, and B.H. Huynh. Coordination of adenosylmethionine to a unique iron site of the [4Fe-4S] of pyruvate formate-lyase activating enzyme: A Mössbauer spectroscopic study. J. Am. Chem. Soc. 124:912-913.

Yun, D., **C. Krebs**, G.P. Gupta, D.F. Iwig, B.H. Huynh, and J.M. Bollinger, Jr. Facile electron transfer during formation of cluster X and kinetic competence of X for tyrosyl radical production in protein R2 of ribonucleotide reductase from mouse. Biochemistry. 41:981-990.

Lee, D., B. Pierce, **C. Krebs**, M.P. Hendrich, B.H. Huynh, and S.J. Lippard. Functional mimic of dioxygen-activating centers in non-heme diiron enzymes: mechanistic implications of paramagnetic intermediates in the reactions between diiron(II) complexes and dioxygen. J. Am. Chem. Soc. 124:3993-4007.

Krebs, C., J.M. Bollinger, Jr., E.C. Theil, and B.H. Huynh. Exchange coupling constant J of peroxodiferrous reaction intermediates determined by Mössbauer spectroscopy. J. Biol. Inorg. Chem. 7:863-869.

Krebs, C., D.E. Edmondson, and B.H. Huynh. Demonstration of peroxodiferric intermediate in M-ferritin ferroxidase reaction using rapid freeze-quench Mössbauer, resonance raman, and XAS spectroscopies. Methods Enzymol. 354:436-454.

Lee, D., B. Pierce, **C. Krebs**, M.P. Hendrich, B.H. Huynh, and S.J. Lippard. Functional mimic of dioxygen-activating centers in non-heme diiron enzymes: mechanistic implications of paramagnetic intermediates in the reactions between diiron(II) complexes and dioxygen. J. Am. Chem. Soc. 124:3993-4007.

Rohrbaugh, M., E. Ramos, D. Nguyen, M. Price, Y. Wen, and **Z.-C. Lai**. Notch activation of yan expression is antagonized by RTK/pointed signaling in the Drosophila eye. Curr. Biol. 12:576-581.

Fetchko, M., W. Huang, Y. Li, and **Z.-C. Lai**. Drosophila Gp150 is required for early ommatidial development through modulation of notch signaling. EMBO J. 21:1074-1083.

Brunig, I., A. Suter, I. Knusel, **B. Luscher**, and J.M. Fritschy. GABAergic terminals are required for postsynaptic clustering of dystrophin, but not of GABA-A receptors and gephyrin. J. Neurosci. 22:4805-4813.

Pannell, C., S.X. Simonian, G.E. Gillies, **B. Luscher**, and A.E. Herbison. Hypothalamic somatostatin and growth hormone-releasing hormone mRNA expression depend upon GABA-A receptor expression in the developing mouse. Neuroendocrinology. 76:93-98.

Luscher, B. GABA-A and GABA-C receptors: regulation of assembly, localization, clustering and turnover. In: Assembly and Targeting of Ion Channels. (J. Henley and S. Moss, eds.), pp. 192-218, Oxford University Press, Oxford, UK.

Miles, M.P., L.T. Mackinnon, D.S. Grove, N.I. Williams, J.A. Bush, J.O. Marx, W.J. Kraemer, and **A.M. Mastro**. The relationship of natural killer cell counts, perforin mRNA and CD2 expression to post-exercise natural killer cell activity in humans. Acta Physiol. Scan. 174:317-325.

Dylewski, M.L., **A.M. Mastro**, and M.F. Picciano. Maternal selenium nutrition and neonatal immune development. Biol. Neonate. 82:122-127.

Shiels, M.S., **A.M. Mastro**, and C.V. Gay. The effect of donor age on the sensitivity of osteoblasts to the proliferative effects of TGF β and 1,25 (OH) $_2$ vitamin D $_3$. Life Sci. 70:2967-2975.

Miles, M.P., W.J. Kraemer, D.S. Grove, S.K. Leach, K. Dohi, J.A. Bush, J.O. Marx, B.C. Nindl, J.S. Volek, and **A.M. Mastro** Effects of resistance training on resting immune parameters in women. Eur. J. Appl. Physiol. 87:506-508.

Vashist, S., C.G. Frank, C.A. Jakob, and **D.T.W. Ng**. Two distinctly localized P-type ATPases collaborate to maintain organelle homeostasis required for glycoprotein processing and quality control. Mol. Biol. Cell. 13:3955-3966.

Helenius, J., **D.T.W. Ng**, C.L. Marolda, P. Walter, M.A. Valvano, and M. Aebi. Translocation of lipid-linked oligosaccharides across the ER membrane requires Rft1 protein. Nature. 415:447-450.

Park, S., H. Zhang, A.D. Jones, and **B.T. Nixon**. Biochemical evidence for multiple dimer structures for inactive vs active receiver domain of DctD. Biochemistry. 41:10934-10941.

- Park, S., M. Meyer, A.D. Jones, H.P. Yennawar, N.H. Yennawar, and **B.T. Nixon**. Two-component signaling in the AAA + ATPase DctD: binding Mg^{2+} and BeF_3^- selects between alternate dimeric states of the receiver domain. FASEB J. 16:1964-1966.
- Zamamiri-David, F., Y. Lu, J.T. Thompson, K.S. Prabhu, **V.R. Padala**, L.M. Sordillo, and C.C. Reddy. Nuclear factor-kappaB mediates over-expression of cyclooxygenase-2 during activation of RAW264.7 macrophages in selenium deficiency. Free Radic. Biol. Med. 32:890-897.
- Chitikila, C., K.L. Huisinga, J.D. Irvin, M. Mitra, and **B.F. Pugh**. Interplay of TBP inhibitors in global transcriptional control. Mol. Cell 10:871-882.
- Kulesza, C.A., H.A. Van Buskirk, M.D. Cole, **J.C. Reese**, M.M. Smith, and D.A. Engel. Adenovirus E1A function requires the SAGA histone acetyltransferase complex. Oncogene 21:1411-1422.
- Halleck, M.S., **R.A. Schlegel**, and P.L. Williamson. Re-analysis of ATP11B, a type IV P-type ATPase. J. Biol. Chem. 277:9736-9740.
- Westerman, M.P., D. Green, A. Gilman-Sachs, K. Beaman, S. Freels, L. Boggio, S. Allen, **R. Schlegel**, and P. Williamson. Coagulation changes in individuals with sickle cell trait. Am. J. Hematol. 69:89-94.
- Williamson, P., and **R.A. Schlegel**. Transbilayer phospholipid movement and the clearance of apoptotic cells. Biochim. Biophys. Acta. 1585:53-63.
- Boyer, L.A., M.R. Langer, K.A. Crowley, **S. Tan**, J.M. Denu, and C.L. Peterson. Essential role for SANT domain in the functioning of multiple chromatin remodeling enzymes. Mol. Cell. 10:935-942.
- Balasubramanian, R., M.G. Pray-Grant, W. Selleck, P.A. Grant, and **S. Tan**. Role of the Ada2 and Ada3 transcriptional coactivators in histone acetylation. J. Biol. Chem. 277:7989-7995.
- Teng, M.N.**, and P.L. Collins. The central conserved cystine noose of the attachment G protein of human respiratory syncytial virus is not required for efficient viral infection in vitro or in vivo. J. Virol. 76:6164-6171.
- Polack, F.P., **M.N. Teng**, P.L. Collins, G.A. Prince, M. Exner, H. Regele, D.D. Lirman, R. Rabold, S.J. Hoffman, C.L. Karp, S.R. Kleeberger, M. Wills-Karp, and R.A. Karron. A role for immune complexes in enhanced respiratory syncytial virus disease. J. Exp. Med. 196:859-865.
- Medina, E., J.A. Williams, E.A. Klipfell, D.C. Zarnescu, **G.H. Thomas**, and A. LeBivic. Crumbs interacts with moesin β_{Heavy} -spectrin in the apical membrane skeleton of *Drosophila*. J. Cell Biol. 158:941-951.
- Akgul, B., and **C.-P. D. Tu**. Evidence for a stabilizer element in the untranslated regions of *Drosophila* glutathione S-transferase D1 mRNA. J. Biol. Chem. 277:34700-34707.
- Howe, L., T. Kusch, N. Muster, R. Chaterji, J.R. Yates, and **J.L. Workman**. Yng1p modulates the activity of Sas3p as a component of the yeast NuA3 histone acetyltransferase complex. Mol. Cell. Biol. 22:5047-5054.
- Carrozza, M.J., A.K. Sil, J.E. Hopper, and **J.L. Workman**. Gal80 confers specificity on HAT complex interactions with activators. J. Biol. Chem. 277:24648-24652.
- Neely, K.E., A.H. Hassan, C.E. Brown, L. Howe, and **J.L. Workman**. Transcription activator interactions with multiple SWI/SNF subunits. Mol. Cell. Biol. 22:1615-1625.

Neely, K.E., and **J.L. Workman**. Histone acetylation and chromatin remodeling: Who comes first? Mol. Genet. Metab. 76:1-5.

Hassan, A.H., K.E. Neely, P. Prochasson, M. Chandy, and **J.L. Workman**. Function and selectivity of bromodomains in anchoring chromatin-modifying complexes to promoter nucleosomes. Cell. 111:369-379.

Neely, K.E., and **J.L. Workman**. The “complexity” of chromatin remodeling and its links to cancer. Biochim. Biophys. Acta. 1603:19-29.

Flinn, E.M., A.E. Wallberg, S. Hermann, P.A. Grant, **J.L. Workman**, and A. P. Wright. Recruitment of Gcn5-containing complexes during c-Myc-dependent gene activation. Structure and function aspects. J. Biol. Chem. 277:23399-23406.

Pray-Grant, M.G., D. Schieltz, S.J. McMahon, J.M. Wood, E.L. Kennedy, R.G. Cook, **J.L. Workman**, J.R. Yates 3rd, and P.A. Grant. The novel SLIK histone acetyltransferase complex functions in the yeast retrograde response pathway. Mol. Cell. Biol. 22:8774-8786.