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EDUCATION

2001-2005	Stanford University Postdoctoral Fellowship Advisor: Richard M. Myers
1993-2000	Emory University Ph.D., Program in Biochemistry and Molecular Biology Advisor: Stephen T. Warren
1987-1991	University of California, San Diego B.S., Molecular Biology

HONORS AND AWARDS

2002	NIH Postdoctoral Training Grant – Stanford University
1993	NIH Predoctoral Training Grant - Emory University
1987, 1988, 1989	Provost's Honors - University of California, San Diego

RESEARCH EXPERIENCE

2008-Present	Faculty Investigator HudsonAlpha Institute for Biotechnology
2005-2008	Senior Scientist Stanford Human Genome Center
2001-2005	Postdoctoral Fellow Stanford University Richard M. Myers Laboratory
1993-2000	Graduate Student Emory University Stephen T. Warren Laboratory
1991-1993	Staff Research Associate I University of California, San Diego Department of Medicine

Kenneth R. Chien Laboratory

PUBLICATIONS

LaMorte, V.J., Thorburn, J., Absher, D., Spiegel, A., Brown, J.H., Chien, K.R., Feramisco, J.R., Knowlton, K.U. (1994). Gq- and ras-dependent pathways mediate hypertrophy of neonatal rat ventricular myocytes following alpha-1-adrenergic stimulation. *J. Biol. Chem.* 269, 13490-6.

Feng, Y., Absher, D., Eberhart, D.E., Brown, V., Malter, H.E., Warren, S.T. (1997). FMRP associates with polyribosomes as an mRNP, and the I304N mutation of severe fragile X syndrome abolishes this association. *Mol. Cell* 1, 109-118.

Absher, D.M., Li, J.Z., Tang, H., Southwick, A.M., Casto, A.M., Ramachandran, S., Cann, H.M, Barsh, G.S., Feldman, M., Cavalli-Sforza, L.L., Myers, R.M. (2008). Worldwide human relationships inferred from genome-wide patterns of variation. *Science* 319:1100-4.

Assimes, T.L, Knowles, J.W, Basu, A., Iribarren, C., Southwick, A., Tang, H., Absher, D., Li, J., Fair, J.M, Rubin, G.D, Sidney, S., Fortmann, S.P, Go, A.S, Hlatky, M.A, Myers, R.M, Risch, N., Quertermous, T. (2008). Susceptibility locus for clinical and subclinical coronary artery disease at chromosome 9p21 in the multi-ethnic ADVANCE study. *Hum. Mol. Genet.* 17, 2320-8.

ABSTRACTS

Absher, D., and Warren, S.T. (1999). Functional studies of mammalian FMRP in yeast. Presented at the American Society of Human Genetics meeting.

Absher, D., DiMarco, S., Torre, E. (2000). FMR protein is expressed in astrocytes both in vitro and in vivo. Presented at the Society for Neuroscience meeting.

Absher, D., Li, J., Thompson, R.C., Burmeister, M., Scott, L.J., Li, Y., Meng, F., Guan, W., Vawter, M.P., Choudary, P., Tomita, H., Evans, S.J., Bunney, W.E., Jones, E.G., Barchas, J.D., Schatzberg, A., Akil, H., Watson, S.J., Boehnke, M., Myers, R.M. (2006). An association study of ninety-three candidate genes in bipolar disorder. Presented at the American Society of Human Genetics meeting.

Absher, D., Li, J., Tang, H., Ramachandran, S., Southwick, A., Barsh, G., Feldman, M.W., Cavalli-Sforza, L, Myers, R.M. (2007). High-resolution genetic characterization of 51 unique human populations from the Human Genome Diversity Project. Platform presentation at the American Society of Human Genetics meeting.