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EDUCATION AND TRAINING

Northwestern University, Postdoctoral Fellow Laboratory of Dr. Richard Morimoto	2006-present
University of California, San Francisco, Ph.D. in Biochemistry Laboratory of Dr. Carol Gross;	1998-2006
Parke-Davis Pharmaceuticals, Cancer Research Department Research in the laboratory of Dr. Ron Merriman,	1995-1998
University of Michigan, Ann Arbor, B.S. in Biochemistry Research Thesis mentored by Dr. David Engelke	1994-1997

AWARDS RECEIVED

ACS Postdoctoral Fellowship	2009-present
Keystone Travel Scholarship Award	2009
NIH Training Grant NIH-TG-AG000260-10S1	2007-2008
NSF Predoctoral Fellowship	1998-2001
Degree with Highest Honors, University of Michigan, Ann Arbor	1997
Phi Beta Kappa Honor Society	1997
Eagle Scout, Boy Scouts of America	1993

PUBLICATIONS

Guisbert E, Yura T, Rhodius VA, Gross CA. Convergence of molecular, modeling and systems approaches for an understanding of the *Escherichia coli* heat shock response. *Microbiol Mol Biol Rev.* 2008 Sep;72(3):545-54.

Yura T*, Guisbert E*, Poritz M, Lu CZ, Campbell E, Gross CA. Analysis of sigma32 mutants defective in chaperone-mediated feedback control reveals unexpected complexity of the heat shock response. *Proc Natl Acad Sci USA.* 2007 Nov, 6;104(45):17638-43.

Guisbert E*, Rhodius V*, Ahuja N, Witkin E, Gross CA. Hfq modulates the sigmaE-mediated envelope stress response and the sigma32-mediated cytoplasmic stress response in *E. coli*. *J. Bacteriol.* 2007 Mar;189(5):1963-73.

Guisbert E, Herman C, Lu CZ, Gross CA. A chaperone network controls the heat shock response in *E. coli*. *Genes Dev.* 2004 Nov 15;18(22):2812-21.

Howard CT, Guisbert EA, and Merriman RL. *In vivo* antitumor activity of CI-994 (N-acetyl-dinaline, GOE 5549) alone and in combination with adriamycin against mammary adenocarcinoma 16C. *Proc. Am Assoc. Cancer Res.*, 1998.

Howard CT, Elliot WL, Guisbert EA, Bergeron RJ, Porter CW, and Merriman RL. Tissue distribution of the polyamine analog N¹,N¹¹-Diethylnorspermine (CI-1006,DENSPM) in nude mice. *Proc. Am. Assoc. Cancer Res.*, 38:95, 1997.

Merriman R, Corbett T, Guisbert E, Howard C, Leopold W, Sebolt-Leopold J, Young B, and Sun Y. Evaluation of the mutational status of *Ras* genes in mouse tumor models used in anticancer drug discovery. *Proc. Am. Assoc. Cancer Res.*, 38:350, 1997.

PRESENTATIONS

Poster Presentation “Tissue-specific proteostasis networks in *C. elegans*” Keystone Symposia: Neurodegenerative Diseases, New Molecular Mechanisms 2009

Award for Poster Presentation “Tissue-specific proteostasis networks in *C. elegans*” Midwest Stress Response Meeting, Evanston, IL 2009”

Oral and Poster Presentation: “Small RNAs regulated stress response pathways in *E. coli*.” Midwest Stress Response Meeting, Evanston, IL, 2007

Oral and Poster Presentation: “Chaperone regulation of the heat shock response in *E. coli*” Gordon Research Conference: Stress Proteins in Growth, Development, and Disease, Newport, RI, July 2005

Oral Presentation: “A chaperone network controls the heat shock response in *E. coli*” Research in Progress Seminar, UCSF, October 2004

Poster Presentation: “GroEL is a novel regulator of the heat shock response in *E. coli*.” Meeting on Molecular Chaperones and the Heat Shock Response, Cold Spring Harbor, NY 2002

TEACHING/MENTORING EXPERIENCES

Mentoring of Undergraduate Student	2007-present
Mentoring of Graduate Rotation Student	2006
Co-director of Logistic Management for Preparing Future Faculty (PFF)	2005
Science Education Partnership, volunteering in SF Public Schools	2004-2006
Mentoring of High School Student	2004
Mentoring of Undergraduate Summer Research Student	2004
Teaching Assistant - Biological Regulatory Mechanisms, a graduate class at UCSF	2000

