
BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Akiko Dohi B.S.	POSITION TITLE Ph.D. candidate		
eRA COMMONS USER NAME akikodohi			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of North Texas, Denton, TX University of North Texas Health Science Center, Fort Worth, TX	B.S.	2003 2003-present	Biology Pharmacology and Neuroscience

A. Positions and Honors.

2003 B.S. Cum Laude University of North Texas, Denton, Texas.

2005-2008 National Institute of Health (NIH) Neurobiology of Aging Training Program (T32AG2-494) Associate Fellowship, UNTHSC

2007-2009 Graduate Research Assistantship of the Texas Center for Health Disparities (P20-MD001633)

B. Selected peer-reviewed publications (in chronological order):

Research papers

Bell-Horner CL, Dohi A, Nguyen Q, Dillon GH, Singh M. ERK/MAPK pathway regulates GABA_A receptors. Journal of Neurobiology 2006 Nov;66(13):1467-74.

Book chapters

Dohi A, Dillon GH, and Singh M. Neurosteroids and premenstrual disorders of affect (in press), in Neuroactive Steroids in Brain Functions, and Mental Health: New Perspectives for Research and Treatment. Editors: Michael Ritsner and Abraham Weizman.

Abstracts

Dohi A, Bell-Horner CL, Nguyen Q, Dillon GH, Singh M. The MAP kinase pathway regulates GABA_A receptor gating. Research Appreciation Day, UNTHSC, April 2005.

Dohi A, Bell-Horner CL, Nguyen Q, Dillon GH, Singh M. The MAP kinase pathway is involved in regulation of GABA_A receptor gating. Research Appreciation Day, UNTHSC, April 2006.

Dohi A, Bell-Horner CL, Nguyen Q, Dillon GH, Singh M. Regulation of the GABA_A receptor by the ERK/MAPK pathway. Neurobiology of Aging Trainee Symposium, March 2007, Research Appreciation Day, April 2007, and Texas Conference on Health Disparities, Research Appreciation Day, May 2007, UNTHSC.

Dohi A, Dillon DH, Singh M. ERK-mediated Regulation of GABA_A receptor function may not involve direct phosphorylation of the $\alpha 1$ subunit. Research Appreciation Day, March 2008, Neurobiology of Aging Trainee Symposium, April 2008, Texas Conference on Health Disparities, Research Appreciation Day, May 2008, UNTHSC

Dohi A, Bell-Horner CL, Chen ZL, Nguyen Q, Dillon DH, Singh M. ERK-mediated Regulation of GABA_A receptor function may not involve direct phosphorylation of the $\alpha 1$ subunit. Neuroscience 2008: Society for Neuroscience 38th Annual Meeting, November 2008, Research Appreciation Day, March 2009, Neurobiology of Aging Trainee Symposium, May 2009, Texas Conference on Health Disparities, May 2009 at UNTHSC.