

**Name:** Eiki Takahashi

**Position:** Unit Leader, Support Unit for Animal Experiments

**Date of Birth:** 25 February 1970



### **Working Address**

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### **Certificate**

Doctor of Veterinary Medicine (DVM)

Doctor of Philosophy (PhD)

Diplomate of Japanese College of Laboratory Animal Medicine (DJCLAM)

### **Education**

2001-2003 Postdoctoral fellow

School of Medicine, University of California, Los Angeles

2000 PhD

School of Medicine, University of Tsukuba

1994 DVM

School of Veterinary Medicine, Hokkaido University

### **Work experience**

2008-present, Unit Leader

RIKEN, Brain Science Institute, Research Resources Center,  
Support Unit for Animal Experiments

2006-2008 Research Specialist

RIKEN, Brain Science Institute, Research Resources Center,  
Support Unit for Animal Experiments

1994-2006 Researcher

Eisai Co., Ltd. (Pharmaceutical Company), Tsukuba Research Laboratory

### **Editorial board**

2007-present, Experimental Animals

### **Award**

Young Investigator Award 2007

Japanese Society of Veterinary Science

Maejima Award 2007

Japanese Association of Laboratory Animal Medicine

Young Investigator Award 2006

Asian Federation of Laboratory Animal Science Associations

Incentive Award 2006

Japanese Association of Laboratory Animal Science

Special Award 2000

Eisai Science for Pharmaceutical Development

### **Selected Publication**

Takahashi E, Niimi K, Itakura C. Emotional behavior in heterozygous rolling mouse Nagoya Cav2.1 channel mutant mice. *Neurobiol Aging*. 2009. In press.

Takahashi E, Niimi K, Itakura C. Enhanced CaMKII activity and cognitive function in SAMP6 mice. *Behav Neurosci*. 2009. 123:527-532.

Takahashi E, Katayama M, Niimi K, Itakura C. Additive subthreshold dose effects of cannabinoid CB1 receptor antagonist and selective serotonin reuptake inhibitor in antidepressant behavioral tests. *Eur J Pharmacol*. 2008. 589:149-156.

Zhou Y, Takahashi E, Li W, Halt A, Wiltgen B, Ehninger D, Li G-D, Hell JW, Kennedy MB, Silva AJ. Interaction between the NR2B receptor and CaMKII modulate synaptic plasticity and spatial learning. *J Neurosci*. 2007. 27:13843-13853.

Takahashi E, Sagane K, Oki T, Yamazaki K, Nagasu T, Kuromitsu J. Deficit in learning and motor coordination in ADAM11-deficient mice. *BMC Neurosci*. 2006. 7:19.

Takahashi E, Ito M, Miyamoto N, Nagasu T, Ino M, Tanaka I. Increased glucose tolerance in N-type Ca<sup>2+</sup> channel alpha1B-subunit gene-deficient mice. *Int J Mol Med*. 2005. 15:937-944.

Frankland PW, Josselyn SA, Anagnostaras SG, Kogan JH, Takahashi E, Silva AJ. Consolidation of CS and US representations in associative fear conditioning. *Hippocampus*. 2004. 14:557-569.