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Education

Ph.D. 2012 Graduate School of Nutritional and Environmental Sciences, University of Shizuoka

MS 2006 Graduate School of Nutritional and Environmental Sciences, University of Shizuoka

BS 2004 School of Food and Nutritional Sciences, University of Shizuoka

Employment

2015-present Research Assistant Professor, Laboratory of Physiology, School of Food and Nutritional
Sciences / Graduate Division of Nutritional and Environmental Sciences

2014-2015 Lecturer, Department of Registered Dietitians, Faculty of Health and Welfare, Tokai
Gakuin University

2009-2015 Assistant, Department of Nutrition Kiryu University, Faculty of Health Care,

2006-2009 Assistant, Department of Nutrition and Dietetics, Faculty of Family and Consumer
Sciences, Kamakura Women's University

Journal articles

1. VMH lesions downregulate the expression of Per2 gene in the pancreas in the rat. *Neuroscience Letters*. 471(3):148-51, 2010
2. Gene expression profiling in rat pancreas after VMH lesioning. *Pancreas*. 39(5) p627-32, 2010
3. High cardiovascular risk factors among obese children in an urban area of Japan. *Obesity Research & Clinical Practice*. 4, e333-e337, 2010
4. Cell proliferation in visceral organs induced by ventromedial hypothalamic (VMH) lesions: Development of electrical VMH lesions in mice and resulting pathophysiological profiles. *Endocrine Journal* 58(4):247-56, 2011
5. Enhanced Exercise-Induced Muscle Damage and Muscle Protein Degradation in Streptozotocin-Induced Type 2 Diabetic Rats. *Journal of Diabetes Investigation*. 2(6):423-428, 2011
6. Beneficial effects of ventromedial hypothalamus (VMH) lesioning on function and morphology of the liver after hepatectomy in rats. *Brain Res*. 1421:82-9, 2011
7. Masked function of amino acid sensors on pancreatic hormone secretion in ventromedial hypothalamic (VMH) lesioned rats with marked hyperinsulinemia. *Obesity Research & Clinical*

Practice. 6, e225-e232, 2012

8. Cell proliferation in ventromedial hypothalamic lesioned rats inhibits acute gastric mucosal lesions. *Obesity Research & Clinical Practice*. 6, e233-e240, 2012
9. Ventromedial hypothalamic lesions enhance small intestinal cell proliferation in mice. *Obesity Research & Clinical Practice*. 6, e241-e247, 2012
10. Enhanced expression of nsfatin/nucleobindin-2 in white adipose tissue of ventromedial hypothalamus-lesioned rats. *Neuroscience Letters*. 521, 46-51, 2012
11. Vagal hyperactivity due to ventromedial hypothalamic (VMH) lesions increases adiponectin production and release. *Diabetes*. 63(5):1637-48,2014