

CURRICULUM VITAE

Kazue Honma

honmak@u-shizuoka-ken.ac.jp

Education

April/2002-March/2006 Tokyo University of Agriculture
April/2006-March/2008 Graduate School of Nutritional and Environmental Sciences,
University of Shizuoka
July/2013 Received Ph.D. Degree (Food and Nutritional Science)
University of Shizuoka

Career Statement

October/2013-present Research Assistant Professor, Laboratory of Nutritional Physiology,
Department of Nutrition and Life Sciences,
School of Food and Nutritional Sciences, University of Shizuoka

Memberships

Japan Society of Nutrition and Food Science
The Japan Society for Developmental Origins of Health and Disease
The Japanese Society of Digestion and Absorption

Publication

1. Yamada A, Honma K, Mochizuki K, Goda T: BRD4 regulates fructose-inducible lipid accumulation-related genes in the mouse liver. *Metabolism* 65, 1478-1488 (2016)
2. Honma K, Mawatari R, Ikeda M, Mochizuki K, Goda T: Fasting during the suckling-weaning transient period of rats induces inflammatory gene expression in the adipose tissue and peripheral leukocytes. *Nutrition* 32, 1268-1274 (2016)
3. Honma K, Hikosaka M, Mochizuki K, Goda T: Loss of circadian rhythm of circulating insulin concentration induced by high-fat diet intake is associated with disrupted rhythmic expression of circadian clock genes in the liver. *Metabolism* 65, 482-491 (2016)
4. Ikeda M, Honma K, Mochizuki K, Goda T: Fasting for 3 days during the suckling-weaning transient period in male rats induces metabolic abnormalities in the liver and is associated with impaired glucose tolerance in adulthood. *Eur J Nutr.* 55, 1059-1067 (2016)
5. Yamada M, Mochizuki K, Honma K, Miyauchi R, Kasezawa N, Tohyama K, Goda T: Serum Fatty Acid Binding Protein 4 Concentrations Are Positively and Independently Associated with Blood

Pressure and Abdominal Fat among Parameters in Health Check-Ups in Ordinary Middle-Aged Japanese Males. *J Nutr Sci Vitaminol* 61, 291-298 (2015)

6. Inoue S, Honma K, Mochizuki K, Goda T: Induction of histone H3K4 methylation at the promoter, enhancer, and transcribed regions of the *Si* and *Sglt1* genes in rat jejunum in response to a high-starch/low-fat diet. *Nutrition* 31, 366-372 (2015)
7. Honma K, Masuda Y, Mochizuki K, Goda T: Re-feeding rats a high-sucrose diet after 3 days of starvation enhances histone H3 acetylation in transcribed region and expression of jejunal GLUT5 gene. *Biosci. Biotechnol. Biochem.* 78, 1071-1073 (2014)
8. Honma K, Mochizuki K, Goda T: Induction by Fructose Force-Feeding of Histone H3 and H4 Acetylation at Their Lysine Residues around the *Slc2a5* Gene and Its Expression in Mice. *Biosci. Biotechnol. Biochem.* 77, 2188-2191 (2013)
9. Mochizuki K, Honma K, Shimada M, Goda T: The regulation of jejunal induction of the maltase-glucoamylase gene by a high-starch/ low-fat diet in mice. *Mol. Nutr. Food Res.* 54, 1445-1451 (2010)
10. Honma K, Mochizuki K, Goda T: Inductions of histone H3 acetylation at lysine 9 on SGLT1 gene and its expression by feeding mice a high carbohydrate/fat ratio diet. *Nutrition* 25, 40-44 (2009)
11. Honma K, Mochizuki K, Goda T: Acute induction of histone acetylation on the jejunal sucrase-isomaltase gene by dietary fructose. *Br. J. Nutr.* 100, 698-702 (2008)
12. Honma K, Mochizuki K, Goda T: Carbohydrate/fat ratio in the diet alters histone acetylation on the sucrase-isomaltase gene and its expression in mouse small intestine. *Biochem. Biophys. Res. Commu.* 357, 1124-1129 (2007)