

CURRICULUM VITAE

Name Ayako Hashimoto

Position Research Assistant Professor

Affiliation Laboratory of Nutrition Education School of Food and Nutritional Sciences

Education

2013-2016 Division of Integrated Life Science, Graduate School of Biostudies, Kyoto University
(Ph.D. in life science)

2011-2013 Division of Integrated Life Science, Graduate School of Biostudies, Kyoto University
(M.S. in life science)

2007-2011 Department of Food and Nutrition, Kyoto Women's University

Employment

2016-present Research Assistant Professor, School of Food and Nutritional Sciences,
University of Shizuoka

Publications

1. [Hashimoto A](#), Nakagawa M, Tsujimura N, Miyazaki S, Kizu K, Goto T, Komatsu Y, Matsunaga A, Shirakawa H, Narita H, Kambe T, Komai M. "Properties of Zip4 accumulation during zinc deficiency and its usefulness to evaluate zinc status: A study of the effects of zinc deficiency during lactation" *Am J Physiol Regul Integr Comp Physiol.*, 2016, 310, R459-468
2. [Hashimoto A](#), Ohkura K, Takahashi M, Kizu K, Narita H, Enomoto S, Miyamae Y, Masuda S, Nagao M, Irie K, Ohigashi H, Andrews GK, Kambe T. "Soybean extracts increase cell surface ZIP4 abundance and cellular zinc levels: a potential novel strategy to enhance zinc absorption by ZIP4-targeting" *Biochem J.*, 2015, 472, 183-193
3. [Hashimoto A](#), Kambe T. "Mg, Zn and Cu transport proteins: A brief overview from physiological and molecular perspectives" *J Nutr Sci Vitaminol.*, 2015, 61, S116-118
4. Kambe T, Tsuji T, [Hashimoto A](#), Itsumura N. "The Physiological, Biochemical, and Molecular
5. Roles of Zinc Transporters in Zinc Homeostasis and Metabolism." *Physiol Rev.*, 2015, 95, 749-84
6. Kambe T, [Hashimoto A](#), Fujimoto S. "Current understanding of ZIP and ZnT zinc transporters in human health and diseases." *Cell Mol Life Sci.*, 2014, 71, 3281-95