

【健康機能研究の主な論文】

1. **A Single Oral Administration of Acetic Acid Increased Energy Expenditure in C57BL/6J Mice**
Hattori M, Kondo T, Kishi M, Yamagami K.
Biosci Biotechnol Biochem. 2010; 74(10): 2158-2159.
2. **Vinegar Intake Enhances Flow-Mediated Vasodilatation *via* Upregulation of Endothelial Nitric Oxide Synthase Activity**
Sakakibara S, Murakami R, Takahashi M, Fushimi T, Murohara T, Kishi M, Kajimoto Y, Kitakaze M, Kaga T.
Biosci Biotechnol Biochem. 2010; 74(5): 1055-1061.
3. **Bioavailability of Acetate from Two Vinegar Supplements: Capsule and Drink**
Sugiyama S, Fushimi T, Kishi M, Irie S, Tsuji S, Hosokawa N, Kaga T.
J Nutr Sci Vitaminol (Tokyo). 2010; 56(4): 266-269.
4. **Vinegar Intake Reduces Body Weight, Body Fat Mass, and Serum Triglyceride Levels in Obese Japanese Subjects**
Kondo T, Kishi M, Fushimi T, Ugajin S, Kaga T.
Biosci Biotechnol Biochem. 2009; 73(8): 1837-1843.
5. **Acetic Acid Upregulates the Expression of Genes for Fatty Acid Oxidation Enzymes in Liver To Suppress Body Fat Accumulation**
Kondo T, Kishi M, Fushimi T, Kaga T.
J Agric Food Chem. 2009; 57(13): 5982-5986.
6. **食酢飲料の過剰摂取における安全性の検討**
岸幹也, 伏見宗士, 多山賢二, 大島芳文, 塚本義則, 伊藤彰浩
日本臨床栄養学会雑誌 2006; 27(3): 313-320.
7. **Acetic Acid Activates Hepatic AMPK and Reduces Hyperglycemia in Diabetic KK-A(y) Mice**
Sakakibara S, Yamauchi T, Oshima Y, Tsukamoto Y, Kadowaki T.
Biochem Biophys Res Commun. 2006; 344(2): 597-604.
8. **Dietary Acetic Acid Reduces Serum Cholesterol and Triacylglycerols in Rats Fed a Cholesterol-Rich Diet**
Fushimi T, Suruga K, Oshima Y, Fukiharu M, Tsukamoto Y, Goda T.
Br J Nutr. 2006; 95(5): 916-924.

- 9. Effect of Acetic Acid Feeding on the Circadian Changes in Glycogen and Metabolites of Glucose and Lipid in Liver and Skeletal Muscle of Rats**
Fushimi T, Sato Y.
Br J Nutr. 2005; 94(5): 714-719.
- 10. 食酢飲料の安全性の検討**
伏見宗士, 岸幹也, 大島芳文, 塚本義則, 伊藤彰浩
生活衛生 2005; 49(5): 267-278.
- 11. 食酢飲料の血清総コレステロールに及ぼす影響および安全性の検討**
伏見宗士, 大島芳文, 岸幹也, 西村明, 梶本修身, 塚本義則
健康・栄養食品研究 2005; 8(1): 13-26.
- 12. Studies on Action of Menaquinone-7 in Regulation of Bone Metabolism and Its Preventive Role of Osteoporosis**
Tsukamoto Y.
Biofactors. 2004; 22(1-4): 5-19.
- 13. 食酢配合飲料の正常高値血圧者および軽症高血圧者に対する降圧効果**
梶本修身, 大島芳文, 多山賢二, 平田洋, 西村明, 塚本義則
健康・栄養食品研究 2003; 6(1): 51-68.
- 14. The Efficacy of Acetic Acid for Glycogen Repletion in Rat Skeletal Muscle after Exercise**
Fushimi T, Tayama K, Fukaya M, Kitakoshi K, Nakai N, Tsukamoto Y, Sato Y.
Int J Sports Med. 2002; 23(3): 218-222.
- 15. Antihypertensive Effects of Acetic Acid and Vinegar on Spontaneously Hypertensive Rats**
Kondo S, Tayama K, Tsukamoto Y, Ikeda K, Yamori Y.
Biosci Biotechnol Biochem. 2001; 65(12): 2690-2694.
- 16. 食酢飲料の軽症および中等症高血圧者の血圧に及ぼす影響**
梶本修身, 多山賢二, 平田洋, 高橋丈生, 塚本義則
健康・栄養食品研究 2001; 4(4): 47-60.
- 17. Construction of a *Bacillus subtilis* (*natto*) with High Productivity of Vitamin K₂ (Menaquinone-7) by Analog Resistance**
Tsukamoto Y, Kasai M, Kakuda H.
Biosci Biotechnol Biochem. 2001; 65(9): 2007-2015.

18. Acetic Acid Feeding Enhances Glycogen Repletion in Liver and Skeletal Muscle of Rats

Fushimi T, Tayama K, Fukaya M, Kitakoshi K, Nakai N, Tsukamoto Y, Sato Y.
J Nutr. 2001; 131(7): 1973-1977.

19. Intake of Fermented Soybean (*Natto*) Increases Circulating Vitamin K₂ (Menaquinone-7) and Gamma-Carboxylated Osteocalcin Concentration in Normal Individuals

Tsukamoto Y, Ichise H, Kakuda H, Yamaguchi M.
J Bone Miner Metab. 2000; 18(4): 216-222.

20. Prolonged Intake of Dietary Fermented Soybeans (*Natto*) with the Reinforced Vitamin K₂ (Menaquinone-7) Enhances Circulating γ -Carboxylated Osteocalcin Concentration in Normal Individuals

Tsukamoto Y, Ichise H , Yamaguchi M.
J Health Sci 2000; 46(4): 317-321.

21. Enhancing Effect of Dietary Vinegar on the Intestinal Absorption of Calcium in Ovariectomized Rats

Kishi M, Fukaya M, Tsukamoto Y, Nagasawa T, Takehana K, Nishizawa N.
Biosci Biotechnol Biochem. 1999; 63(5): 905-910.