

Publications in Peer-Reviewed Scientific Journals and Scientific Presentations 2008 – Present

Publications in Peer-reviewed Journals 2008 – present

- Hsu CHP, Nance DM and Amagase H.** “A Meta-Analysis of Clinical Improvements of General Well-being by a Standardized *Lycium barbarum*” *Journal of Medicinal Foods* (in press), 2012.
- Amagase H and Nance DM.** “*Lycium Barbarum* Fruit (Goji) Attenuates the Adrenal Steroid Response to an Exercise Challenge and the Feeling of Tiredness: A Randomized, Double-blind, Placebo-controlled Human Clinical Study” *Journal of Food Research* 1(2): 3-12, 2012.
- Amagase H.** “A Combination of Various Functional Food Ingredients as a Weight Management Program (TAIslim® Total Body System): Randomized, Placebo-controlled, Double-blind Human Clinical Studies” *Journal of Functional Foods in Health and Disease*, 12:555-573, 2011.
- Amagase H and Nance DM.** “*Lycium Barbarum* Increases Caloric Expenditure and Decreases Waist Circumference in Healthy Overweight Men and Women: Pilot Study” *Journal of the American College of Nutrition* 30(5): 304–309, 2011.
- Amagase H and Farnsworth NR.** “A Review of Botanical Characteristics, Phytochemistry, Clinical Relevance in Efficacy and Safety of *Lycium barbarum* Fruit (Goji)” *Food Research International* 44: 1702-1717, 2011.
- Reeve VE, Allanson M, Arun SJ, Domanski D, and Painter N.** “Mice Drinking Goji Berry Juice (*Lycium Barbarum*) Are Protected from UV Radiation-induced Skin Damage via Antioxidant Pathways” *Photochemical & Photobiological Sciences*, 9: 601-607, 2010.
- Amagase H, Sun B, and Nance DM.** “Immunomodulatory Effects of a Standardized *Lycium barbarum* Fruit Juice in Chinese Older Healthy Human Subjects” *Journal of Medicinal Foods* 12(5): 1159-1165, 2009.
- Amagase H, Sun B, Borek C.** “*Lycium barbarum* (goji) juice shows significant in vivo antioxidant effects in human serum in a randomized, double-blind, placebo-controlled clinical study” *Nutrition Research* 29: 19-25, 2009.
- Amagase H and Nance DM.** “A Randomized, Double-blind, Placebo-controlled, Clinical Study of the General Effects of a Standardized *Lycium barbarum* (Goji) Juice, GoChi®” *Journal of Alternative and Complementary Medicine* 14 (4): 403-412, 2008.

List of Scientific Presentations at the various international scientific meetings during 2008 – present

- Amagase H, Handel R and Nance DM.** “Impact of a Combination of Medium-Chain Triglycerides and Dietary Fiber in a Form of Meal Replacement Shake on Postprandial Energy Expenditure.” *FASEB J.* April 9, 2013 27:854.1.
- Amagase H, Hsu C-H and Nance DM.** “Pooled Analysis of Impact of *Lycium barbarum* Fruit (Goji) Intake on Central Adiposity, Sleep Quality and General Well-being: Randomized, Double-blind, Placebo-controlled Human Clinical Studies.” *FASEB J.* April 9, 2013 27:1079.1.
- Amagase H, Handel R and Nance DM.** “Functional Effects of a Combination of Dietary Ingredients on a Weight Management Program.” *American College of Nutrition 53rd Annual Conference “Overfed and Undernourished: Nutritional Interventions to Prevent and Treat Chronic Disease”* Morristown Medical Center, Morristown, New Jersey, November 14-17, 2012.
- Amagase H, Handel R and Nance DM.** “Developing effective Meal Replacement with good Taste, Appetite suppression and Postprandial Energy Expenditure stimulation.” *Functional Food Components in Health and Disease, Science and Practice, Volume 11* edited by Martirosyan DM and Nicolson GL. pp. 218-219, Proceedings of the 11th International Conference Functional Food Components in Health and Disease, San Diego, August 21-23, 2012.



- Amagase H, Handel R and Nance DM.** “Impact of a Weight Management Supplement, TAIslim® on Glucose and Energy Metabolism” *Advances and Controversies in Clinical Nutrition* 2012, Chicago, IL, June 22-24, 2012.
 - Amagase H and Handel R.** “Impact of a Combination of Various Functional Food Ingredients as TAIslim® Total Body System, Weight Management Program: Randomized, Placebo-controlled, Double-blind Human Clinical Studies” *FASEB J* March 29, 2012 26:820.1.
 - Amagase H and Nance DM.** “Synergistic Enhancement of Postprandial Energy Expenditure by a Combination of Various Functional Food Ingredients” *Functional Food Components in Health and Disease, Science and Practice, Volume 10* edited by Martirosyan DM and Nicolson GL. pp. 258-260, Proceedings of the 10th International Conference - Functional Food Components in Health and Disease, University of California at Santa Barbara, March 13-15, 2012.
 - Amagase H and Handel R.** “Fruit-and Vegetable-Based Condiments Increased Taste Preference and Stimulated Postprandial Energy Expenditure More Than Meal Replacement Alone When Combined With Liquid Dietary Supplement TAIslim®, a Combination of *Lycium barbarum* Fruit (goji) Juice, Indigestible Dietary Fiber, Phenylalanine, N-Acetyl Tyrosine and Tea Extract” Abstract #629-P, *OBESITY* 2011, 29th Annual Scientific Meeting of The Obesity Society, Orlando, FL, October 1-5, 2011.
 - Amagase H and Handel R.** “*Lycium Barbarum*, Fiber and Functional Food-Containing Weight Management System: Randomized, Placebo-Controlled, Double-Blind Human Clinical Studies” *Functional Food Components in Health and Disease, Science and Practice, Volume 9* edited by Martirosyan DM and Nicolson GL. pp. 268-270, Proceedings of the 9th International Conference - Functional Food Components in Health and Disease, San Diego, August 16-18, 2011.
 - Amagase H and Handel R.** “Body Weight Reduction, Appetite Suppression and Caloric Expenditure Stimulation” by TAIslim® Total Body System*: Randomized, Placebo-controlled, Double-blind Human Clinical Studies. *FASEB J.* March 17, 2011 25:776.15.
- *A Combination of Liquid Dietary Supplement Containing Indigestible Soluble Dietary Fiber, L-Phenylalanine, N-Acetyl-L-Tyrosine, Tea Extract with Polyphenols plus Caffeine and *Lycium barbarum* (TAIslim®) with Glucomannan Fiber-containing Meal Replacement Shake (TAIslim® SHAKE) and Chew (TAIslim® SKINNY) under Exercise and Diet Control.”
- Amagase H and Nance DM.** “Resting Metabolic Rate is Synergistically Stimulated by a Single Bolus *Lycium barbarum* Fruit Juice Intake Combined with Indigestible Dietary Fiber in Healthy Human Adults.” *FASEB J.* March 17, 2011 25:774.4.
 - Amagase H and Nance DM.** “Resting Metabolic Rate (RMR) is Increased Synergistically by Single Bolus Intake of *Lycium barbarum* Fruit (Goji) Juice When Combined with Indigestible Dietary Fiber and/or Caffeine, but not by Fiber or

Caffeine alone” *Advances and Controversies in Clinical Nutrition* 2011, San Francisco, CA, February 25-27, 2011.

13. Amagase H and Handel R. “Clinical Effects of Combining A Liquid Dietary Supplement Containing A Combination of Indigestible Soluble Fiber, Phenylalanine, N-Acetyl-L-Tyrosine, Tea Extract with Polyphenols and Caffeine and Lycium barbarum (TAIslim®), Glucomannan fiber-Containing Chew (TAIslim® SKINNY) and Meal Replacement Shake (TAIslim® SHAKE) on Appetite and Gastrointestinal Parameters: A Randomized, Placebo-controlled, Blinded Human Clinical Study” Abstract #213403, OBESITY 2010, 28th Annual Scientific Meeting of The Obesity Society, San Diego, October 8-12, 2010.

14. Amagase H and Handel R. “Caloric Expenditure is Stimulated by a Single Bout of Lycium barbarum Combined With Indigestible Fiber, or Combination of These in Various Food Forms Indicated by Resting Metabolic Rate in Healthy Human Adults” Abstract #213380, OBESITY 2010, 28th Annual Scientific Meeting of The Obesity Society, San Diego, October 8-12, 2010.

15. Amagase H and Handel R. “Sub-Chronic Effects of Orally Taken Liquid Dietary Supplement, TAIslim® Containing A Combination of Indigestible Soluble Dietary Fiber, Phenylalanine, N-Acetyl-Tyrosine, Caffeine, Tea Polyphenols and Lycium barbarum on Body Weight and Other Anthropometric Parameters in a Controlled Cross-over Human Clinical Study” FASEB J. 2010; 24:936.13.

16. Amagase H. “Comparison of Lycium barbarum-containing Liquid Dietary Supplements to Caffeinated Beverages on Energy/Caloric Metabolism Activity and Salivary Adrenocortical Hormone levels in Healthy Human Adults” FASEB J. 2010; 24:540.13.

17. Amagase H. “Impact of Orally Consumed Lycium barbarum on Various Urinary Neurotransmitter Levels in Healthy Human Male Adults” FASEB J. 2010; 24:540.12.

18. Amagase H and Handel R. “Comparison of Various Preparations of *Gynostemma pentaphyllum* (Jiaogulan) and its Main Active Constituents, Gypenoside Saponins, on Resting Metabolic Rate: Controlled Human Clinical Study” FASEB J. 2010; 24:1b264.

19. Amagase H and Campbell J. “Kinetic Analysis of the Impact of A Single Bolus Intake of *Gynostemma pentaphyllum* (Jiaogulan)-containing Liquid Dietary Supplement, JULE of the Orient™ on Human Peripheral Blood Circulation” FASEB J. 2010; 24:1b334.

20. Amagase H and Nance DM. “Impact of 2-week Oral Consumption of *Gynostemma pentaphyllum* (Jiaogulan)-containing Liquid Dietary Supplement, JULE of the Orient™ on Various Subjective Symptoms, Blood Circulation, Blood Pressure and Other Anthropometric Parameters: A Randomized, Placebo-controlled, Double-blind Human Clinical Study” FASEB J. 2010; 24:1b336.

21. Amagase H and Handel R. “Acute Clinical Effects of A Liquid Dietary Supplement Containing A Combination of Indigestible Soluble Fiber, Phenylalanine, N-Acetyl-Tyrosine, Caffeine, Tea Polyphenols and Lycium barbarum on Anthropometric Parameters and Resting Metabolic Rate” Abstract #166261, OBESITY 2009, 27th Annual Scientific Meeting of The Obesity Society, Washington, DC, October 24-28, 2009.

22. Amagase H and Handel R. “Kinetic Analysis of Energy/Caloric Metabolism Activity of a Single Bout of Consuming Various Beverages and Dietary Supplements in Healthy Human Adults: Comparison of Lycium barbarum-containing Liquid Dietary Supplements to Caffeinated Beverages” Abstract #166262, OBESITY 2009, 27th Annual Scientific Meeting of The Obesity Society, Washington, DC, October 24-28, 2009.

23. Nance DM, Amagase H, and Luczy-Bachman G: 94. Effects of *Lycium barbarum* on basal and lps-induced cytokine production. Brain, Behavior, and Immunity 23(Suppl 2):S51, 2009. PNIRS 2009, PsychoNeuroImmunology Research Society Annual Meeting 2009.

24. Amagase H and Handel R. “Acute Effects of A Liquid Dietary Supplement, TAIslim™ Containing A Combination of Indigestible Soluble Dietary Fiber, Phenylalanine,

N-Acetyl-Tyrosine, Caffeine, Tea Polyphenols and Lycium barbarum on Resting Metabolic Rate: A Randomized, Double-Blind, Placebo-Controlled Study” FASEB J. 2009; 23:LB474.

25. Amagase H and Nance DM. “Effect of Standardized Lycium barbarum (Goji) Juice, GoChi® Intake on Resting Metabolic Rate and Waist Circumference: Randomized, Placebo-controlled, Double-blind Clinical Studies” FASEB J. 2009; 23:LB419.

26. Amagase H and Nance DM. “Lycium barbarum Attenuates Increased Plasma Stress Hormone Levels Induced by a Short and Intense Exercise Challenge. A Randomized, Double-blind, Placebo-controlled Human Clinical Study” FASEB J. 2009; 23:104.6

27. Amagase H and Nance DM. “Effects of Lycium barbarum on Feelings of General Well-being, Neurological/Psychological Traits and Plasma Levels of Catecholamines. A Randomized, Double-blind, Placebo-controlled Human Clinical Study” FASEB J. 2009; 23:716.2.

28. Amagase H and Hsu CHP. “Meta-analysis of the General Effects of a Standardized Lycium barbarum Fruit Juice Shown in Randomized, Double-blind, Placebo-controlled Human Clinical Studies” FASEB J. 2009; 23:716.1.

29. Amagase H and Handel R. “Randomized, blind, placebo-controlled human clinical studies showed waist circumference reduction by an intake of standardized Lycium barbarum fruit juice” at the 26th Annual Scientific Meeting of Obesity Society in Phoenix, AZ, October 3-7, 2008.

30. Amagase H and Nance DM. “Improvement of Sleep Quality by a Standardized Lycium barbarum Fruit Juice Shown in a Randomized, Double-blind, Placebo-controlled Human Clinical Study” at 7th Joint Meeting of GA, AFERP, ASP, PSI & SIF in Athens, Greece, August 3-8, 2008.

31. Amagase H, Sun B, and Nance DM. “Immune Modulation by a Standardized Lycium barbarum Fruit (Goji) Juice in Randomized, Double-blind, Placebo-controlled Clinical Studies” at 7th Joint Meeting of GA, AFERP, ASP, PSI & SIF in Athens, Greece, August 3-8, 2008.

32. Amagase H, Sun B, and Nance DM. “Clinical Studies of Improving General Well-Being by a Standardized Lycium barbarum Fruit Juice” at 7th Joint Meeting of GA, AFERP, ASP, PSI & SIF in Athens, Greece, August 3-8, 2008.

33. Farnsworth NR, Amagase H, Sun B, and Nance DM. “Botanical Characteristics, Chemical Constituents and Clinical Relevance of Lycium barbarum” at 7th Joint Meeting of GA, AFERP, ASP, PSI & SIF in Athens, Greece, August 3-8, 2008.

34. Reeve VE, Allanson M, Domanski D. “Mice drinking goji berry juice are protected against photoimmune suppression via haem oxygenase induction.” Abstract #WAM1-1, at ASP2008, Annual meeting of the American Society for Photobiology, Burlingame, CA, June 20-25, 2008.

35. Amagase H and Nance DM. “A Randomized, Double-blind, Placebo-controlled, Clinical Study of the General Effects of GoChi®, a standardized Lycium barbarum (goji) juice” FASEB J. 2008; 22:889.16.

36. Amagase H and Sun B. “Immunomodulation, General Effects and Safety of a Standardized Lycium barbarum (Goji) Juice, GoChi® shown in a Randomized, Double-blind, Placebo-controlled Clinical Study” FASEB J. 2008; 22:1b776.

37. Amagase H and Sun B. “GoChi®, a standardized Lycium barbarum (goji) juice, shows significant in vivo antioxidant effects in human serum in a randomized, double-blind, placebo-controlled clinical study” FASEB J. 2008; 22:1b781.

38. Amagase H. “A controlled clinical study showed waist circumference reduction by a standardized Lycium barbarum (goji) juice, GoChi®” FASEB J. 2008; 22:1b771.

39. Amagase H. “General Toxicity and Histological Analysis from Acute Toxicological Study of a Standardized Lycium barbarum (Goji) juice (GoChi®) in Rodents” FASEB J. 2008; 22:1b722.

40. Amagase H. “Acute Hematological and Biochemical Effects of a Standardized Lycium barbarum (Goji) Juice, GoChi® in Rodents” FASEB J. 2008; 22:889.17.