

## **Core POST Product References**



Robergs, R., Pearson, D., Costill, D., & Fink, W. (1991). Muscle glycogenolysis during differing intensities of weight-resistance exercise. Journal of Applied Physiology, 1700-1706.

Essen-Gustavsson, B. and Tesch, P. (1990). Glycogen and triglyceride utilization in relation to muscle metabolic characteristics in men performing heavy-resistance exercise. European Journal of Applied Physiology, 5-10.

Tesch, P., et al. (1986). Muscle metabolism during intense, heavy- resistance exercise. European Journal of Applied Physiology, 362-6.

Ivy, J. (1998). Glycogen resynthesis after exercise: effect of carbohydrate intake. International Journal of Sports Medicine, 142-5.

Staples, A. W., et al. Carbohydrate does not augment exercise-induced protein accretion versus protein alone. Med Sci Sports Exerc. 2011 Jul;43(7):1154-61.

Koopman, R., et al. (2007). Coingestion of carbohydrate with protein does not further augment postexercise muscle protein synthesis. American Journal of Physiology Endocrinology and Metabolism, 833–42.

Casagrande Figueiredo, V. and Cameron-Smith, D. (2013). Is carbohydrate needed to further stimulate muscle protein synthesis/hypertrophy following resistance exercise? Journal of the International Society of Sports Nutrition, 42.

Caronia, L. M., et al. (2014). Abrupt decrease in serum testosterone levels after an oral glucose load in men: Implications for screening for hypogonadism. Clinical Endocrinology, 291-296.

Valerio, A., D'antona, G., et al. BCAAs, Mitochondrial Biogenesis, and Healthspan: An Evolutionary Perspective. Aging. May 2011. 3(5), 464-470.



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Bajotto, G., Sato, Y., et al. Effect of BCAA Supplementation During Unloading on Regulatory Components of Protein Synthesis in Atrophied Soleus Muscles. European Journal of Applied Physiology. 2011. 111, 1815-1828.

Borgenvik, M., Nordin, M., et al. Alterations in Amino Acid Concentrations in the Plasma and Muscle in Human Subjects during 24 Hour of Simulated Adventure Racing. European Journal of Applied Physiology. 2012. Published Ahead of Print.

a Luz, Claudia, Nicastro, H., et al. Potential Therapeutic Effects of BCAA Supplementation on Resistance Exercise-Based Muscle Damage in Humans. Journal of the International Society of Sports Nutrition. 2011. 8(23).

Dualano, A, et al. Branched-Chain Amino Acids Supplementation Enhances Exercise Capacity and Lipid Oxidation During Endurance Exercise After Muscle Glycogen Depletion. Journal of Sports Medicine and Physical Fitness. 2011.51(5), 82-88.

Hsu, M., Chien, K., et al. Effects of BCAA, Arginine, and Carbohydrate Combined Drink on Post-Exercise Biochemical Response and Psychological Condition. Chinese Journal of Physiology. April 2011. 542), 71-78.

Glynn, E., Fry, C., Drummond, M., Timmerman, K., Dhanani, S., Volpi, E., Rasmussen, B. Excess Leucine Intake Enhances Muscle Anabolic Signaling but Not Net Protein Anabolism in Young Men and Women. The Journal of Nutrition. 2010. 140(11), 1970-1976.

Sharp, C., Pearson, D. Amino Acid Supplements and Recovery from High-Intensity Resistance Training. Journal of Strength and Conditioning Research. 2010. 24(4), 1125-1130.

Ipoglou, T., King, R., Polman, R., Zanker, C. Daily L-Leucine Supplementation in Novice Trainees During a 12-Week Weight Training Program. International Journal of Sports Physiology and Performance. 2011. 6(1), 38-80.

Jourdan, C., et al. Body Fat Free Mass is Associated with the Serum Metabolite Profile in A Population Based Study. PLOS One. 2012. 7(6), e40009.

Lustgarten, M., et al. Serum Predictors of Percent Lean Mass in Young Adults. Journal of Strength and Conditioning Research. 2013. Published Ahead of Print.

Peltier, S., Vincent, L., et al. Effects of Carbohydrates-BCAAs-Caffeine Ingestion on Performance and Neuromuscular Function During a 2-H Treadmill Run. Journal of the International Society of Sports Nutrition. December 2011. 8(22).

Sowers, Starkie. A Primer on Branched Chain Amino Acids. Huntington College of Health Sciences. 2009. Retrieved 13 November 2013. http://www.hchs.edu/literature/BCAA.pdf

Rondanelli, M., Opizzi, A., Antoniello, N., Boschi, F., Iadarola, P., Pasini, E. Effect of Essential Amino Acid Supplementation on Quality of Life, Amino Acid Profile and Strength in Institutionalized Elderly Patients. Clinical Nutrition. 2011. 30(3).

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Plauth, M., Schutz, T. BCAAs in Liver Disease: New Aspects of Long Known Phenomena. Current Opinions in Clinical Nutrition and Metabolic Care. January 2011. 14(1), 61-66.

Shah, S., Crosslin, D., et al. BCAA Levels are Associated with Improvement in Insulin Resistance with Weight Loss. Diabetologia. February 2012. 55(2), 321-330.

Hayaishi, S., Chung, H., et al. Oral BCAA Granules Reduce the Incidence of Hepatocellular Carcinoma and Improve Event-Free Survival in Patients with Liver Cirrhosis. Digestive Diseases. 2011. 29(3), 326-332.

Cole, J., Mitala, C., et al. Dietary BCAAs Ameliorate Injury-Induced Cognitive Impairment. Proceedings of the National Academy of the Sciences. January 2010. 107(1), 366-371.

Thomson, J., Ali, A., Rowlands, D. Leucine-Protein Supplemented Recovery Feeding Enhances Subsequent Cycling Performance in Well-Trained Male Cyclists. Applied Physiology, Nutrition, and Metabolism. 2011. 36(2), 242-253.

Walker, D., Dickinson, J., et al. Exercise, Amino Acids, and Aging in the Control of Human Muscle Protein Synthesis. Medicine and Science in Sports and Exercise. May 2011. Published Ahead of Print.

Qin, L., Xun, P., Bujnowski, D., Daviglus, M., Van Horn, L., Stamler, J., He, K. Higher Branched-Chain amino Acid Intake is Associated with a Lower Prevalence of Being Overweight or Obese in Middle-Aged East Asian and Western Adults. The Journal of Nutrition. 2010. 141(2), 249-254.

Jackman, S., et al. Branched-Chain Amino Acid Ingestion Can Ameliorate Soreness From Eccentric Exercise. Medicine and Science in Sports and Exercise. 2010. 42(5), 962-970.

Shimomura, Y., et al. Branched-Chain amino acid Supplementation Before Squat Exercise and Delayed-Onset Muscle Soreness. International Journal of Sport Nutrition and Exercise Metabolism. 2010. 20(3), 236-244.

PNAS, Sep 20 2005, 102(38):13681-13686. L-citrulline and L-arginine supplementation retards the progression of high-cholesterol-diet-induced atherosclerosis in rabbits.

Br J Clin Pharma, 2008, 65:51-59 Pharmacokinetic and pharmacodynamic properties of oral L-citrulline and L-arginine: impact on nitric oxide metabolism.

Urology, Jan 2011, 77(1):119-22. Oral L-citrulline supplementation improves erection hardness in men with mild erectile dysfunction

Hitaki, S. Ishiharri, M. Enhancement of Swimming Endurance in Mice by Highly Branched Cyclic Dextrin Biosci Biotechnol Biochem, 63: 2045-2052, 1999.

Presentation of Velositol<sup>TM</sup> Results. Experimental Biology Annual Meeting 2014. Accessed online:http://nutrition21.com/nutrition-21-llc-announces-the-presentation-of-results-of-a-nitrosigine-clinical-study-at-the-renowned-experimental-biology-2014-annual-meeting/



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Srinivasan K. Black pepper and its pungent principle-piperine: a review of diverse physiological effects. *Crit Rev Food Sci Nutr.* 2007;47(8):735-748. doi:10.1080/10408390601062054

Hyo-Kyung Han. (2011) <u>The effects of black pepper on the intestinal absorption and hepatic metabolism</u> <u>of drugs</u>. *Expert Opinion on Drug Metabolism & Toxicology* 7:6, pages 721-729



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