**Biographical Sketch**

**󠇛 Wookwang Cheon Ph. D.**

*Associate Professor in the Department of Physical Education at Keimyung University.*

*1095 Dalgubeol-daero, Dalseo-gu, Daegu, 42601 Republic of Korea Office: +82-53-580-5561*

*Fax: +82-53-580-5314 E-Mail: wk11106@kmu.ac.kr*

**󠇛 Introduction**

*Dr. Cheon is an associate professor in the Department of Physical Education, Keimyung University, Korea. His research interests are in sports medicine, exercise nutrition, exercise physiology, and physical fitness measurement and evaluation. Since 2004, he has been teaching physical education courses at the Japan Institute of Advanced Industrial Science and Technology and Keimyung University in Korea.*

**󠇛 Academic degrees**

*\*B.A. Keimyung University, Department of Sport and Leisure Studies, Korea*

*\*M.A. Keimyung University, Department of Physical Education, <Changes in Body Composition and the Concentration of Blood Lipid of Obese Women after Unilateral Weight Training>, KOREA.*

*\*Ph.D. University of Keimyung, Department of Physical Education. <Effect of Blood Electrolytes Concentration and Body Composition, High-intensity Exercise Performance after Ingestion Refeeding Diet and Rapid Weight Los in Taekwondo Players>, KOREA.*

**󠇛 Honors**

*\*Excellent Teaching Award (2015), Keimyung University, Korea*

**󠇛 Academic Activities**

*\*2008 - present Director, Korean Society for Exercise and Nutrition*

**󠇛 Journal articles**

*Cheon, W. Analysis of the Lower Limb Muscles' Function for the Prevention of KNEE JOINT INJURIES of the Intramural Baseball Pitchers of Colleges and Universities. International Journal of Crisis & Safety, 6(2), 9-18 (2021).*

*Park, J. & Hong, C. & Cheon, W. Application of FUNCTIONAL TRAINING to Improve the Performance of Elite Judo Athletes. Kinesiology, 6(1), 20-29 (2021).*

*Cheon, W. & Park, J. The Effect of the Isokinetic Muscle Function of the Shoulder Joint of Amateur Club Baseball Pitchers in Their 20s on the Speed of a PITCHED BASEBALL. Kinesiology, 5(2), 30-39 (2020).*

*Cheon, W. & Hong, C. & Park, J. Comparison of Physical Fitness Factors of High School and College TAEKWONDO Athletes with Anaerobic Exercise and Isokinetic Muscle Function. International Journal of Martial Arts, 5(2), 38-46 (2020).*

*Cheon, W. & Lee, S. & Park, J. Analysis of the Relation between Female Softball Players Field Test and Anaerobic Exercise Ability and Isokinetic Muscle Function. Kinesiology, 5(1), 11-20 (2020).*

*Park, J. & Hong, C. & Cheon W. Investigation on the Relation among the Body Composition, Physical Fitness, and Field Test of Female Softball Players. International journal of protection, security & investigation, 5(1), 1-13 (2020).*

*Park, J. & Cheon, W. & Kim, K. Effects of Long-Term Endurance Exercise and Lithium Treatment on Neuroprotective Factors in Hippocampus of Obese Rats. International Journal of Environmental Research and Public Health, 17(9), 3317-3321 (2020).*

*Cheon, W. & Lim, K. Change of gene expression on protein uptake composition and hindlimb-suspension in rat skeletal muscle. Journal of exercise nutrition & biochemistry, 19(2), 107-112 (2015).*

*Cheon, W. Effect of leucine uptake on hepatic and skeletal muscle gene expression in rats: a microarray analysis. Journal of exercise nutrition & biochemistry, 19(2), 139-145 (2015).*

*Hwang, H. & Kim, J. & Park, J. & Yun, H. & Cheon, W. & Kim, B & Lim, K. Red ginseng treatment for two weeks promotes fat metabolism during exercise in mice. Nutrients, 6(5), 1874-1885 (2014).*

*Yasutake, Y. & Fujii, Y. & Nishioka, T. & Cheon, W. & Arisawa, A. & Tamura, T. Structural evidence for enhancement of sequential vitamin D3 hydroxylation activities by directed evolution of cytochrome P450 vitamin D3 hydroxylase. Journal of Biological Chemistry, 285(41), 31193-31201 (2010).*

*Yasutake, Y. & Fujii, Y. & Cheon, W. & Arisawa, A. & Tamura, T. Crystallization and preliminary X-ray diffraction studies of vitamin D3 hydroxylase, a novel cytochrome P450 isolated from Pseudonocardia autotrophica. Acta Crystallographica Section F: Structural Biology and Crystallization Communications, 65(4), 372-375 (2009).*

*Lim, K. & Cheon, W. & Suh. H. & Tamura, T. Effect of acute exercise on fatty acid transporter mRNAs levels for expression in skeletal muscle. The Korean Journal of Exercise Nutrition, 12(1), 15-20 (2008).*

*Lim, K. & Cheon, W. & Suh. H. & Tamura, T. Effect of acute exercise on MCT1 and MCT4 mRNA levels in skeletal muscle in Rats. The Korean Journal of Exercise Nutrition, 11(2), 145-151 (2007).*

*Cheon, W. & Kim, K. Association of mutation in the beta-3 adrenergic receptor gene with obesity response to diet plus exercise intervention in piddle-aged women. The Korean Journal of Exercise Nutrition, 11(1), 41-48 (2007).*

*Cheon, W. Changes of pulse wave velocity and body composition after 12 weeks exercise program in middle-aged obese women’s. The Korean Journal of Exercise Nutrition, 10(3), 341-345 (2007).*

*Cheon, W. Effect of acute exercise performance in mRNA expression of lipid metabolism association gene in soleus muscle of rat. The Korean Journal of Growth and Development, 15(2), 46-50 (2007).*

*Cheon, W. Change of blood concentration of lipid Profiles, body composition and health related physical fitness after 12 weeks combined exercise according to age in obese women. The Korean Journal of Growth and Development, 15(1), 25-31 (2007).*

*Yoon, H. & Cheon, W. & Seo, H. & Tamura, T. & Lim, G. Effects of acute exercise on uncoupling protein 3 mRNA levels of skeletal muscle in rats. The Korean Journal of Exercise Nutrition, 10(2), 81-88 (2006).*

*Ahn, N. & Cheon, W. & Shin, Y. & Kim, S. & Kong, K. & Ko, J. & Kim, K. Changes of blood concentration of lipid profiles and body composition after 12 weeks exercise program in Korean adults with mutation of leptin receptor gene. The Journal of Korean Society of Exercise Physiology. 15(1). 62-67 (2006).*

*Cheon, W. & Kim, K. Change of Exercise Performance and Physiological Variable after Rapid Weight Loss in Taekwondo Players. The Korean Journal of Physical Education, 43(6), 519-530 (2004).*

*Cheon, W. & Kim, K. Change of Body Composition after Rapid Weight Loss as Different Body Weight of Taekwondo Players. The Korean Journal of Exercise Nutrition, 8(3), 289-294 (2004).*

*Kim, K. & Ahn, N. & Cheon, W. & Park, J. & Hong, C. & Shin, Y. & Kim, S. & Kim, T. & Lee, J. Relationship between Gln223Arg polymorphism in the leptin receptor gene and body composition in middle-aged women. The Journal of Korean Society of Exercise Physiology, 13(2), 233-240 (2004).*