



**FACULTY OF ALLIED HEALTH SCIENCES
BURAPHA UNIVERSITY**



NAME: Mr. Piyapong Prasertsri
DATE OF BIRTH: April 14, 1983
ADDRESS: 44/55 The Pulse Condo Bangsaen, Bang Saen Sai 3 Road, Saen Sook
 Sub-district, Mueang District, Chonburi 20130 Thailand
Tel. 094-2521814 **E-mail:** piyapong@buu.ac.th

EDUCATION:

2010 - 2013 **Ph.D in Medical Physiology**
 Department of Physiology, Faculty of Medicine,
 Khon Kaen University, Khon Kaen, Thailand

2008 - 2010 **M.Sc in Medical Physiology**
 Department of Physiology, Faculty of Medicine,
 Khon Kaen University, Khon Kaen, Thailand

2003 - 2007 **B.Sc in Physical Therapy**
 Department of Physical Therapy, Faculty of Associated Medical
 Sciences, Khon Kaen University, Khon Kaen, Thailand

WORK EXPERIENCES:

2013 - Present **Lecturer in Medical Physiology**
 Faculty of Allied Health Sciences, Burapha University, Chonburi,
 Thailand

RESEARCH PUBLICATIONS:

- Boonla O, **Prasertsri P**, Rungsawat U, Namkhum S, PaepetchSuato B, Luangpon N. An eight-week of inspiratory muscle training program improved chest expansion in subjects with inspiratory muscle weakness: A preliminary study. *Srinagarind Med J* 2017; 32 (suppl): 121-6.
- Prasertsri P**, Boonla O, Phoemsaphawee J, Leelayuwat N. Comparative effects of arm swing and leg cycling exercise on exercise capacity and cardiac autonomic activity of sedentary young adults. *J Exerc Physiol Online* 2017; 20(3): 53-65.
- Prasertsri P**, Boonla O, Phoemsaphawee J, Leelayuwat N. Arm swing exercise improves exercise capacity and oxygen consumption in overweight and normal weight sedentary young adults. *J Exerc Physiol Online* 2017; 20(1): 111-24.
- Prasertsri P**, Tong-un T, Roengrit T, Kanpetta Y, Yamauchi J, Leelayuwat N. Cashew apple juice supplementation increases endurance and strength performance in cyclists. *J Exerc Physiol Online* 2016; 19(5): 59-70.
- Roengrit T, Wannanon P, **Prasertsri P**, Kanpetta Y, Sripanidkulchai B, Wattanathorn J, Leelayuwat N. Antioxidant effect of *Phyllanthus amarus* after moderate-intensity exercise in sedentary males: a randomized crossover (double-blind) study. *J Phys Ther Sci* 2015; 27: 1181-6.
- Roengrit T, Wannanon P, **Prasertsri P**, Kanpetta Y, Sripanidkulchai B, Leelayuwat N. Antioxidant and anti-nociceptive effects of *Phyllanthus amarus* on improving exercise recovery in sedentary men: a randomized crossover (double-blind) design. *J Int Soc Sport Nutr* 2014; 11: 9.
- Prasertsri P**, Roengrit T, Kanpetta Y, Thong-un T, Muchimapura S, Wattanathorn J, Leelayuwat N. Cashew apple juice supplementation enhanced fat utilization during high-intensity exercise in trained and untrained men. *J Int Soc Sport Nutr* 2013; 10: 13.
- Roengrit T, Wannanon P, **Prasertsri P**, Kanpetta Y, Sripanidkulchai B, Leelayuwat N. The acute treatment effect of *Phyllanthus amarus* on heart rate variability responses to moderate- and high- intensity exercise in sedentary healthy men. *Srinagarind Med J* 2013; 28 (suppl): 258-65.
- Prasertsri P**, Roengrit T, Kanpetta Y, Muchimapura S, Thong-un T, Wattanathorn J, Leelayuwat N. The effect of acute ingestion of cashew apple juice on cardiac autonomic function during vigorous exercise in sport players. *KKU Research Journal (Graduate Studies)* 2012; 12: 50-61.

RESEARCH PRESENTATIONS:

- Prasertsri P**, Kaewaram J, Chonanant C, Singsanan S, Naravoratham K, Trongtosak P. Heart rate variability, renal function, and metabolic risk factors in Thai aging with hypertension and prehypertension. *The 4th Burapha University Medicine Conference*. August 31-September 1, 2017. Chonburi, Thailand.
- Prasertsri P**, Boonla O, Chonanant C, Singsanan S, Naravoratham K, Trongtosak P. Effect of arm swing exercise on serum electrolyte in Thai aging with prehypertension. *The 4th Burapha University Medicine Conference*. August 31-September 1, 2017. Chonburi, Thailand.
- Prasertsri P**. Cardiac autonomic responses to incremental exercise after arm swing versus leg cycling exercise training in sedentary young adults. *The 8th APCESS 2017 and the 7th ICSES 2017*. June 14-16, 2017, Bangkok, Thailand.
- Prasertsri P**, Leelayuwat N. Myocardial and maximal oxygen consumption and cardiac sympathetic activity in normal- and overweight young adults. *The 3rd Burapha University Medicine Conference*. September 1-2, 2016. Chonburi, Thailand.
- Prasertsri P**, Leelayuwat N. Functional capacity and maximal oxygen consumption in obese, overweight and normal weight young adults and the effects of arm swing exercise training: A preliminary study. *The 8th Congress Federation of the Asian and Oceanian Physiological Societies*. November 22-25, 2015. Bangkok, Thailand.
- Prasertsri P**, Reangrit T, Kanpetta Y, Thong-un T, Leelayuwat N. Effect of cashew apple juice supplementation on cardiac autonomic modulation during high-intensity exercise of trained men. *The 5th International Conference on Sports and Exercise Science*. July 9-11, 2014. Pattaya, Thailand.
- Prasertsri P**, Reangrit T, Kanpetta Y, Thong-un T, Leelayuwat N. Effects of cashew apple juice supplementation on oxidative stress and immune cells following strenuous exercise of healthy volunteers. *The 43rd Annual Scientific Meeting The Physiological Society of Thailand Conference*. April 23-25, 2014. Pattaya, Thailand.
- Prasertsri P**, Reangrit T, Kanpetta Y, Thong-un T, Muchimapura S, Wattanathorn J, Leelayuwat N. Effect of cashew apple juice supplementation on cardiac autonomic function during physical exercise in healthy individuals. *The 4th International Conference on Natural Products for Health and Beauty*. November 28-30, 2012. Chiang Mai, Thailand.
- Prasertsri P**, Reangrit T, Kanpetta Y, Thong-un T, Muchimapura S, Wattanathorn J, Leelayuwat N. Cashew apple juice supplementation increases antioxidant activity in

- healthy individuals. *The 28th Annual Academic Meeting Faculty of Medicine, Khon Kaen University*. October 10-12, 2012. Khon Kaen, Thailand.
- Prasertsri P**, Reangrit T, Kanpetta Y, Thong-un T, Muchimapura S, Wattanathorn J, Leelayuwat N. Muscle inflammatory response to endurance exercise in cyclists after supplementation with cashew apple juice. *SAT 4th Sport Science Research Conference*. September 13-14, 2012. Khon Kaen, Thailand.
- Prasertsri P**, Reangrit T, Kanpetta Y, Thong-un T, Muchimapura S, Wattanathorn J, Leelayuwat N. The effect of acute ingestion of cashew apple juice on cardiac autonomic function during heavy exercise in sport players. *SAT 4th Sport Science Research Conference*. September 13-14, 2012. Khon Kaen, Thailand.
- Prasertsri P**, Reangrit T, Kanpetta Y, Thong-un T, Muchimapura S, Wattanathorn J, Leelayuwat N. Effects of cashew apple juice on oxidative stress during heavy exercise in healthy men. *The 15th International Biochemistry of Exercise Congress*. June 17-21, 2012. Stockholm, Sweden.
- Prasertsri P**, Reangrit T, Kanpetta Y, Thong-un T, Muchimapura S, Wattanathorn J, Leelayuwat N. Cashew apple juice supplementation enhanced immune function at rest and after a heavy exercise in healthy sedentary men. *The 41st Annual Scientific Meeting The Physiological Society of Thailand Conference*. May 2-4, 2012. Mahidol University, Thailand.
- Prasertsri P**, Reangrit T, Kanpetta Y, Muchimapura S, Thong-un T, Wattanathorn J, Leelayuwat N. Acute effect of cashewy juice on heart rate variability during a subsequent strenuous exercise in healthy sedentary men. *The 13th Graduate Research Conference Khon Kaen University*. February 17, 2012. Khon Kaen, Thailand.
- Prasertsri P**, Reangrit T, Kanpetta Y, Thong-un T, Muchimapura S, Wattanathorn J, Leelayuwat N. Acute effects of cashew apple juice on carbohydrate and fat metabolism during heavy exercise in healthy men. *The 1st International Biomedical Sciences Conference*. February 8-10, 2012. Khon Kaen, Thailand.
- Prasertsri P**, Leelayuwat N. Acute effects of cashewy juice on oxidative stress and immune function after intense exercise in sedentary subjects. *The 40th Annual Scientific Meeting The Physiological Society of Thailand, International Conference*. May 2-4, 2011. Khon Kaen, Thailand.
- Prasertsri P**, Tong-un T, Wichitsranoj J, Saelim B, Reangrit T, Kanpetta Y, Leelayuwat N. Cardiorespiratory responses to graded exercise in Thai cyclists. *The 11th Graduate*

Research Conference Khon Kaen University. February 12, 2010. Khon Kaen, Thailand.

Prasertsri P, Leelayuwat N. Substrates utilization at rest and during exercise in Thai cyclists. *The 1st International Conference on Sports and Exercise Science*. December 1-3, 2009. Bangkok, Thailand.

RESEARCH INTERESTS:

- Physiology and Biochemistry of Exercise
- Nutrition Supplements in Exercise and Diseases
- Cardiac autonomic function in Exercise and Diseases
- Exercise and Innovation for Aging