

Curriculum Vitae

Name **Juthamard (Kantasorn) Surapongchai**

Position Lecturer

Work Faculty of Physical Therapy

Mahidol University

999 Phuttamonthon 4 Road, Salaya,

Nakhon Pathom 73170, THAILAND

Telephone (work) (66)2-441-5450 ext 21401

Telephone (mobile) (66)86-306-3753

Fax (66)2-441-5454

E-mail address: juthamard.sur@mahidol.edu



Education

2017 Ph.D., Exercise Science, Mahidol University

2005 M.Sc., Physical Therapy, Mahidol University.

2002 B.Sc., Physical Therapy with *Second Class Honors*, Mahidol University.

Academic Training

2017 Research fellowship under RGJ scholarship, Human Performance Laboratory, Defence Medical and Environmental Research Institute, DSO National Laboratories, Singapore.

2017 Extreme Physiology Course, Department of Physiology, Yong Loo Lin School of medicine, National University of Singapore.

2017 Certificate in Cardiopulmonary resuscitation and Automated External Defibrillator, Emergency First Response®

Updated on December, 2020

2018 Certificate in Clinical exercise testing and prescription for cardiorespiratory rehabilitation, Faculty of Physical Therapy, Srinakharinwirot University.

Awards & Funding

2020 Mahidol University Fund (ทุนส่งเสริมนักวิจัยรุ่นใหม่)

2017 Mahidol University Fund (University Fund)

2012 Ph.D. Scholarship from the Royal Golden Jubilee Ph.D. Program (RGJ), Thailand
Research Fund

Research Interest

- Exercise Physiology
- Thermoregulation, Hydration and Sweat analysis
- Physical activity, Health, and Wellness
- Cardiopulmonary rehabilitation

Positions & Working Experiences

2006-Present Lecturer, Faculty of Physical Therapy, Mahidol University, Thailand

2006-2007 Research Assistant, Project of exploration of musculoskeletal problems in the flight attendants of Thai Airways International Public Company Limited,
Faculty of Physical Therapy, Mahidol University, Thailand.

2005 Research assistant, Cross-cultural adaptation of modified Oswestry Low Back Pain Disability Questionnaire to Thai and its reliability. Faculty of Physical Therapy, Mahidol University, Thailand.

2005 Physiotherapist, Perfect Heart institute, Piyavate Hospital.

2004-2006 Physiotherapist, Thailand Golf Association

Professional Memberships

Physical Therapy Association of Thailand

Physiology Association of Thailand

Publications

1. Buniam J, Chukitrungrat N, Rattanavichit Y, Surapongchai J, Weerachayaphorn J, Bupha-intr T, and Seangsirisuwan V. 20-Hydroxyecdysone ameliorate metabolic and cardiovascular dysfunction in high-fat high-fructose ovariectomized rats. BMC Complementary and Alternative Medicine 2020. 20:140.
2. Prasannarong M, Seangsirisuwan, Surapongchai J, Buniam J, Chukitrungrat N, Rattanavichit Y. Rosmarinic acid improves hypertension and skeletal muscle glucose transport in angiotensin II-treated rats. BMC Complementary and Alternative Medicine 2019. 19:165.
<https://doi.org/10.1186/s12906-019-2579-4>
3. Surapongchai J, Rattanavichit Y, Buniam J, Seangsirisuwan V, Exercise Protects Against Defective Insulin Signaling and Insulin Resistance of Glucose Transport in Skeletal Muscle of Angiotensin II-Infused Rat. Frontiers in Physiology 2018. 9:358
<https://doi.org/10.3389/fphys.2018.00358>
4. Rattanavichit Y, Buniam J, Surapongchai J, Saangsirisuwan V. Voluntary exercise opposes insulin resistance of skeletal muscle glucose transport during liquid fructose ingestion in rats. J Physio Biochem 2018. 74(3):455-466.
<https://doi.org/10.1007/s13105-018-0639-8>
5. Surapongchai J, Prasannarong M, Bupha-intr T, Seangsirisuwan V. Angiotensin II induces differential insulin action in rat skeletal muscle. J Endocrine 2017. 232(3):547-560.
[https://doi: 10.1530/JOE-16-0579](https://doi:10.1530/JOE-16-0579).

6. Kantasorn J, Jalayondeja W, Chaunchaiyakul R, Pongurgsorn C. Effect of respiratory muscles warm-up on exercise performance in sedentary subjects. J Med Tech Phy Ther. 2010; 22(1): 71-81.
7. Sakulsriprasert P, Vachalathiti R, Vongsirinavarat M, Kantasorn J. Cross-cultural adaptation of modified Oswestry low back pain disability questionnaire to Thai and its reliability. Journal of Medical Association Thailand 2006; 89(10): 1694-701.

Proceeding

Surapongchai J, Rattanavichit Y, Buniam J, Saengsirisuwan V. Exercise prevents cardiometabolic dysfunctions in angiotensin II-induced rat models of metabolic syndrome. Proceedings of American Physiology Society Conference, “Cardiovascular Aging: New Frontiers and Old Friends” 2017 August 11-14; Westminster, Colorado, USA.

Surapongchai J, Chukijrungrat N, Rattanavichit Y, Bupha-intr T, Seangsirisuwan V. Enhanced ACE2 prevents angiotensin II-induced insulin resistance in rats skeletal muscle. RGJ-Ph.D. Congress XVI, 2015 June 11-13; Pattaya, Chonburi, Thailand.

Book

Surapongchai J, Areerak K, Sakunkaruna Y, Kong-oun S and Nanta P. Running Science : รู้ไว้ก่อนวิ่ง. 1st ed. ISBN : 978-616-443-262-8. Printery-Company Limited. Bangkok, Thailand 2019.