

# Curriculum Vitae

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## ORIGINAL ARTICLES

1. **Weerateerangkul P**, Shinlapawittayatorn K, Palee S, Apaijai N, Chattipakorn SC, Chattipakorn N. Early testosterone replacement attenuates intracellular calcium dyshomeostasis in the heart of testosterone-deprived male rats. *Cell Calcium* 2017;67:22-30. (2017 Impact factor = 3.718)
2. Shinlapawittayatorn K, Chinda K, Palee S, Surinkaew S, Thunsiri K, **Weerateerangkul P**, Chattipakorn S, Kenknight BH, Chattipakorn N. Low-amplitude, left vagus nerve stimulation significantly attenuates ventricular dysfunction and infarct size through prevention of mitochondrial dysfunction during acute ischemia-reperfusion injury. *Heart Rhythm* 2013;10(11):1700-7. (2015 Impact factor = 4.391)
3. **Weerateerangkul P**, Surinkaew S, Chattipakorn S, Chattipakorn N. Effects of *Kaempferia parviflora* Wall. Ex. Baker on electrophysiology of the swine hearts. *Indian J Med Res* 2013;137(1):156-163. (2015 Impact Factor = 1.446)
4. Palee S, **Weerateerangkul P**, Chinda K, Chattipakorn S, Chattipakorn N. Mechanisms responsible for beneficial and adverse effects of rosiglitazone in a rat model of acute cardiac ischemia-reperfusion. *Exp Physiol* 2013;98(5):1028-1037. (2015 Impact factor = 2.669)
5. Cheng CC\*, **Weerateerangkul P**\*, Lu YY, Chen YC, Lin YK, Chen SA, Chen YJ. Apelin regulates the electrophysiological characteristics of atrial myocytes. *Eur J Clin Invest* 2013;43(1):34-40. (2015 Impact Factor = 2.687) (\*Cheng CC and Weerateerangkul P contributed equally to this study)
6. **Weerateerangkul P**, Palee S, Chinda K, Chattipakorn SC, Chattipakorn N. Effects of *Kaempferia parviflora* Wall. Ex. Baker and sildenafil citrate on cGMP level, cardiac function, and intracellular Ca<sup>2+</sup> regulation in rat hearts. *J Cardiovasc Pharmacol* 2012;60(3):299-309. (2015 Impact Factor = 2.111)
7. Tsao HM, **Weerateerangkul P**, Chen YC, Kao YH, Lin YK, Huang JH, Chen SA, Chen YJ. Amyloid peptide regulates calcium homeostasis and arrhythmogenesis in pulmonary vein cardiomyocytes. *Eur J Clin Invest* 2012;42(6):589-598. (2015 Impact Factor = 2.687)
8. Palee S, **Weerateerangkul P**, Surinkaew S, Chattipakorn S, Chattipakorn N. Effect of rosiglitazone on cardiac electrophysiology, infarct size and mitochondrial function in ischaemia and reperfusion of swine and rat heart. *Exp Physiol* 2011;96(8):778-89. (2015 Impact Factor = 2.669)

9. Kanlop N, Thommasorn S, Palee S, **Weerateerangkul P**, Suwansirikul S, Chattipakorn S, Chattipakorn N. Granulocyte colony-stimulating factor stabilizes cardiac electrophysiology and decreases infarct size during cardiac ischaemic/reperfusion in swine. *Acta Physiol (Oxf)* 2011;202(1):11-20. (2015 Impact Factor = 4.066)
10. Kanlop N, Shinlapawittayatorn K, Sungnoon R, **Weerateerangkul P**, Chattipakorn S, Chattipakorn N. Cilostazol attenuates ventricular arrhythmia induction and improves defibrillation efficacy in swine. *Can J Physiol Pharmacol* 2010;88(4):422-428. (2015 Impact Factor = 1.77)
11. **Weerateerangkul P**, Praputpittaya C, Banjerdpongchai R. Effects of ascorbic acid on streptozotocin induced oxidative stress and memory impairment in rats. *J Physiol Biomed Sciences* 2007;20(2):54-61.

## REVIEW ARTICLE

1. **Weerateerangkul P**, Chattipakorn S, Chattipakorn N. Roles of the nitric oxide signaling pathway in cardiac ischemic preconditioning against myocardial ischemia-reperfusion injury. *Med Sci Monit* 2011;17(2):RA44-RA52. (2015 Impact Factor = 1.433)

## CONFERENCE PAPERS AND ABSTRACTS

1. Shinlapawittayatorn K, Chinda K, Palee S, Surinkaew S, Thunsiri K, **Weerateerangkul P**, Chattipakorn S, KenKnight BH, Chattipakorn N. Left vagus nerve stimulation significantly attenuates ventricular dysfunction and infarct size through prevention of mitochondrial dysfunction during acute ischemia-reperfusion injury in swine. *J Am Coll Cardiol* 2013. (Impact Factor = 14.292)
2. Palee S, **Weerateerangkul P**, Surinkaew S, Chattipakorn S, Chattipakorn N. Rosiglitazone facilitates the occurrence of ventricular fibrillation and does not prevent mitochondrial dysfunction in ischemic/reperfusion swine heart. *Eur Heart J* 2011;32 (Abstract Supplement):578. (Impact Factor = 10.046)
3. **Weerateerangkul P**, Chattipakorn S, Chattipakorn N. Effects of *Kaempferia parviflora* on the expression of nitric oxide synthase and cGMP level in rat hearts. *Proceeding to the 39<sup>th</sup> Annual Scientific Meeting of the Physiological Society of Thailand*, Pattaya, Chonburi, Thailand. 2010.
4. **Weerateerangkul P**, Kanlop N, Rutjanaprom W, Chattipakorn S, Chattipakorn N. Nitric oxide signaling may involve in pro-arrhythmic effect of *Kaempferia parviflora*. *EUROPACE* 2009;11:119. (Impact Factor = 1.706)
5. Kanlop N, Rutjanaprom W, **Weerateerangkul P**, Chattipakorn N. Granulocyte colony-stimulating factor (G-CSF) markedly increases ventricular fibrillation threshold by reducing vulnerability to arrhythmia in ischemic/reperfusion injury model. *J Am Coll Cardiol* 2009;49:140A. (Impact Factor = 11.438)
6. Kanlop N, Rutjanaprom W, **Weerateerangkul P**, Chattipakorn N. Novel effects of phosphodiesterase-3 inhibitor in the prevention of initiation of ventricular

fibrillation and stabilization of myocardial electrophysiology. *Eur Heart J* 2008;29:358. (Impact Factor = 8.917)

7. **Weerateerangkul P**, Kanlop N, Rutjanaprom W, Chattipakorn N. Effects of *Kaempferia parviflora* on defibrillation efficacy. *Proceeding to the 37<sup>th</sup> Annual Scientific Meeting of the Physiological Society of Thailand*, Pattaya, Chonburi, Thailand. 2008.
8. **Weerateerangkul P**, Praputpittaya C, Banjerdpongchai R. Effects of ascorbic acid on streptozotocin induced oxidative stress and memory impairment in rats. *Proceedings 13<sup>th</sup> Thai Neuroscience Society (TNS) Conference 2007*, Phitsanulok, Thailand. 2007; 34.
9. **Weerateerangkul P**, Praputpittaya C, Banjerdpongchai R. Effects of ascorbic acid on streptozotocin induced oxidative stress and memory impairment in rats. *Proceeding to the 36<sup>th</sup> Annual Scientific Meeting of the Physiological Society of Thailand*, Ayudhaya, Thailand. 2007; 91-98.
10. **Weerateerangkul P**, Ruamkrathok W, Praputpittaya P. Effects of age on cognitive functions as assessed by elevated plus-maze. *Proceeding to the 34<sup>th</sup> Annual Scientific Meeting of the Physiological Society of Thailand*, Chumporn, Thailand. 2005; 48.
11. Ruamkrathok W, **Weerateerangkul P**, Praputpittaya C. Effects of brightness on the efficacy of elevated-plus maze in cognitive function study. *Proceeding to the 34<sup>th</sup> Annual Scientific Meeting of the Physiological Society of Thailand*, Chumporn, Thailand. 2005; 49.