RESEARCH PUBLICATIONS

Publication:

1. **Thiraphattanavong P**, Wattanathorn J, Muchimapura S, Thukham-mee W, Wannanon P, Tongun T, Suriharn, B, Lertrat K. Preventive effect of Zea mays L. (Purple Waxy Corn) on experimental diabetic cataract. BioMed Research International, 2014.
2. **Thiraphattanavong P**, Wattanathorn J, Muchimapura S, Thukham-mee W, Suriharn, B, Lertrat K. The combined extract of purple waxy corn and ginger prevents cataractogenesis and retinopathy in streptozotocin-diabetic rats. Oxidative Medicine and Cellular Longevity, 2014.

Scientific presentations:

1. **Thiraphatthanavong P**, Wattanathorn J, Muchimapura S, Lertrat K, Suriharn B. Attenuating Effect of *Zea mays* (purple waxy corn) on mononeuropathy in diabetic condition. 14th NNA conference: Integrated Neurosciences Moving Toward ASEAN Community on September 3-5, 2013. Faculty of medicine, Khon Kaen University, Khon Kaen, Thailand (Poster presentation)
2. **Thiraphatthanavong P**, Wattanathorn J, Muchimapura S, Lertrat K, Suriharn B. Development of health product to reduce neurological complications in diabetic condition from *Zea mays* L. (purple color). NRU KKU conference December 2-3, 2011 and December 10-11, 2012, Khon Kaen University, Khon Kaen, Thailand (poster and oral presentation)
3. **Thiraphatthanavong P**, Wattanathorn J, Muchimapura S. Effect of Combination Extract of Purple Waxy Corn and Ginger on Nerve Functions, Oxidative Stress and Aldose Reductase Activity in Peripheral Nerve of Painful Diabetic Neuropathy Rats. 15th NNA conference: Integrated Neurosciences Moving Toward ASEAN Community on January 5-7, 2014. Faculty of medicine, Khon Kaen University, Khon Kaen, Thailand (Oral presentation: first prize in basic science)

4. **Thiraphatthanavong P**, Wattanathorn J, Muchimapura S, Lertrat K, Suriharn B. A combination extract of purple waxy corn and ginger improves lens opacity, oxidative stress and aldose reductase activity n diabetic cataract rat model. NRU summit July 31-August 1, 2014 Central world hall Bangkok, Thailand (Poster presentation: good research in agriculture and food Custer)
5. **Thiraphatthanavong P**, Wattanathorn J, Muchimapura S, Thukham-mee W, Lertrat K, Suriharn B. Evaluation of comsumption safety and anti-diabetic retinopathy of combination extract of purple waxy corn and ginger. 16th NNA conference: Integrated Neurosciences Moving Toward ASEAN Community on February 4-6, 2015. Faculty of medicine, Khon Kaen University, Khon Kaen, Thailand (Oral presentation: good research in basic science prize)
6. **Thiraphatthanavong P**, Wattanathorn J, Muchimapura S and Thukham-mee W. Potential of *Zea mays* (purple color) to Protect Against Diabetes Mellitus and Its Complication. 5th Sino-Thai International Conference on traditional medicine and natural health produces. September 17-19, 2012 Guanxi University of Chinese Medicine (Poster presentation: good poster presentation award)
7. **Thiraphatthanavong P**, Wattanathorn J and Muchimapura S. A combination extract of purple waxy corn and ginger prevents diabetic cataract. International Graduate Research Conference (IGRC 2013)December 20, 2013 The Empress Convention Center, The Empress Hotel , Chiang Mai, Thailand (Oral presentation)
8. **Thiraphatthanavong P**, Wattanathorn J and Muchimapura S, Wannanon P, Tong-un T and Chaisiwamongkol K. a combination extract of purple waxy corn and ginger prevents diabetic cataract and retinopathy in diabetic rat model via the decreased oxidative stress and aldose reductase suppression. 16th International society of addiction medicine annual meeting (isam 2014) October 2-6, 2014 Yogohama, Japan (Poster presentation)

VITAE

Name:	Paphaphat Thiraphatthanavong
Date of birth:	04 October 1983
Place of birth:	Udon Thani, Thailand
Address:	184 , Amphur Muang, Udon Thani, Thailand, 42000
Education:	
2011-2014	Doctor of Philosophy (Neuroscience)
	Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand
2005-2008	Master of Science (Anatomy)
	Faculty of Medicine, Mahidol University, Thailand
2002-2005	Bachelor of Science (Physical Therapy)
	Faculty of Associated Medical Science, Khon Kaen University, Khon Kaen, Thailand
Research grants:	This work was supported by

- National Research Council of Thailand
- The Higher Education Research Promotion and National Research University Project of Thailand, Office of the Higher Education Commission, through the Food and Functional Food Research Cluster of Khon Kaen University, Thailand
- The graduate School, Khon Kaen University, Thailand
- Integrative Complementary Alternative Medicine Research and Development Center, Faculty Medicine, Khon Kaen University, Thailand