RESEARCH PUBLICATIONS

International Publication:

1. **Boonla O**, Kukongviriyapan U, Pakdeechote P, Kukongviriyapan V, Pannangpetch P, Prachaney P, Greenwald S.E. Curcumin improves endothelial dysfunction and vascular remodeling in 2K-1C hypertensive rats by raising nitric oxide availability and reducing oxidative stress. Nitric Oxide 2014; 42: 44-53.

National Publication:

1. **Boonla O**, Nakmareong S, Tuangpholkrung P, Kukongviriyapan U, Pakdeechote P, Kukongviriyapan V, Kongyingyoes B, Pannangpetch P, Thawornchinsombat S. Rice bran peptides exert antihypertensive and antioxidant effects in renovascular hypertensive rats. Srinagarind Med J 2011; 26 (Suppl): 175-7.
2. **Boonla O**, Nakmareong S, Tuangpholkrung P, Kukongviriyapan U, Pakdeechote P, Kukongviriyapan V, Pannangpetch P, Nakmareong S, Thawornchinsombat S. Peptides-derived from rice bran improve hemodynamics and induced vasorelaxation in renovascular hypertensive rats. The 2012 International and National Conference for the Sustainable Community Development of "Local Community: The Foundation of Development in the ASEAN Economic Community (AEC) 1012; 1: 61-5.
3. **Boonla O**, Kukongviriyapan U, Pakdeechote P, Kukongviriyapan V, Pannangpetch P, Nakmareong S, Surawattanawan P. Curcumin improves endothelium-dependent relaxation in the rat model of nitric oxide-deficient hypertension. Srinagarind Med J 2012; 27(Suppl): 103-6.
4. **Boonla O**, Kukongviriyapan U, Pakdeechote P, Kukongviriyapan V, Pannangpetch P, Nakmareong S, Surawattanawan P. Curcumin attenuates blood pressure and oxidative stress in 2K-1C renovascular hypertensive rats. Srinagarind Med J 2013; 25(Suppl): 215-8.

5. **Boonla O**, Kukongviriyapan U, Pakdeechote P, Kukongviriyapan V, Pannangpetch P, Thawornchinsombat S. Antihypertensive and antioxidative effects of rice bran peptides in a rat model of nitric oxide-deficient hypertension. KKU Res J (GS) 2014; 14: 35-41.

International/National Conference Abstract:

1. **Boonla O**, Tuangpolkrung P, Pakdeechote P, Kukongviriyapan U, Kukongviriyapan V, Pannangpetch P, Nakmareong S, Thawornchinsombat S. Thai rice bran peptides alleviate hypertension and reduced oxidative stress in two- kidney, one-clip (2K-1C) renovascular hypertensive rats. The first International Biomedical Sciences Conference (BMSC) 2012;1: PS5-08.
2. **Boonla O**, Kukongviriyapan U, Pakdeechote P, Kukongviriyapan V, Pannangpetch P, Nakmareong S, Surawattanawan P. Antihypertensive effect of curcumin in two-kidney, one-clip hypertensive rats. The 1st International Conference on Health Science, Thai Traditional and Alternative Medicine (ICHTAM) 2012; 1: 92.
3. **Boonla O**, Kukongviriyapan U, Pakdeechote P, Pannangpetch P, Kukongviriyapan V, Nakmareong S. Vasorelaxant and antihypertensive effect of curcumin on N^{ω}- L-arginine methyl ester -induced hypertension in rats. Annual technical seminar CHE-TRF-KKU Distinguished research Professor Project of Professor Dr. Aran Patanothai 2012; 1: 12.
4. **Boonla O**, Kukongviriyapan U, Pakdeechote P, Kukongviriyapan V, Pannangpetch P, Nakmareong S, Surawattanawan P, Greenwald S.E. Curcumin improves vascular dysfunction and vascular remodeling in nitric oxide -deficient hypertension in rats. RGJ- Ph.D. Congress XIV 2013; 14: 361.
5. **Boonla O**, Tuangpolkrung P, Kukongviriyapan U, Pakdeechote P, Kukongviriyapan V, Pannangpetch P, Thawornchinsombat S. Peptides-derived from Thai rice bran improves endothelial function in 2K-1C renovascular hypertensive rats. The 5th International Conference on Natural Products for Health and Beauty 2014; 1: 244.

6. **Boonla O**, Kukongviriyapan U, Pakdeechote P, Kukongviriyapan V, Pannangpetch P, Prachaney P, Thawornchinsombat S. Rice bran peptides attenuates small arteries remodeling in 2K-1C hypertensive rats. The International Medical Sciences Conference (IMSC) 2014; 1: C2-1021.
7. **Boonla O**, Kukongviriyapan U, Pakdeechote P, Kukongviriyapan V, Pannangpetch P, Thawornchinsombat S. Antihypertensive and antioxidative effects of Rice bran peptides in a rat model of nitric oxide-deficient hypertension. The 15th National Graduate Research Conference, Khon Kaen University. Khon Kaen, Thailand 2014; 15: 62.
8. **Boonla O**, Kukongviriyapan U, Pakdeechote P, Kukongviriyapan V, Pannangpetch P, Thawornchinsombat S. Effects of rice bran peptides on hypertension, oxidative stress, endothelial dysfunction and vascular remodeling in 2K-1C hypertensive rats. 43rd Annual Scientific Meeting The Physiological Society of Thailand 2014; 1: 6.

Scientific Presentation Awards:

1. Award of excellence 2011 for an outstanding poster presentation from The 40th Annual Scientific Meeting and International Conference of the Physiological Society of Thailand, May 2-4, 2011, Khon Kaen, Thailand
2. The honorable mention award of oral presentation in The 2012 International and National Conference for The Sustainable Community Development of "Local Community: The Foundation of Development in the ASEAN Economic Community (AEC)" February 16-19, 2012, Khon Kaen, Thailand
3. Best poster presentation from the First International Biomedical Sciences Conference "BMS Research Driving Collaborative ONE ASEAN", February 8-12, 2012, Khon Kaen, Thailand
4. Award of excellent for oral presentation from The 41th Annual Scientific Meeting and International Conference of the Physiological Society of Thailand, May 2-4, 2012, Bangkok, Thailand
5. The best oral presentation award from the Annual technical seminar CHE-TRF-KKU Distinguished research Professor Project of Professor Dr. Aran Patanothai, May 26-27, 2012, Ubon Ratchathani, Thailand

6. The best oral presentation award in the 28th Annual Meeting from the Faculty of Medicine, October 10-12, 2012, Khon Kaen University, Khon Kaen, Thailand
7. Oral presentation award at The 29th Annual Meeting of the Faculty of medicine, October 8-12, 2013, Khon Kaen University, Khon Kaen, Thailand
8. Award of excellent of oral presentation from The 15th National Graduate Research Conference, March 28, 2014, Khon Kaen University. Khon Kaen, Thailand
9. Best poster presentation award from The International Medical Sciences Conference, July 15-17 2014, Khon Kaen, Thailand

Scholarship:

2009-2015 The Royal Golden Jubilee Ph.D. program, The Thailand Research Fund

Grants:

1. The Thailand Research Fund
2. Agricultural Research Development Agency
3. The Invitation Research Grant, Faculty of Medicine, Khon Kaen University
4. Graduate School Research Grants of Khon Kaen University
5. Research Grant for Graduate Student, The Office of The National Research of Thailand (NRCT)