CURRICULUM VITAE of Dr. KWAN HIUYEE (hykwan@hkbu.edu.hk)

Name: Hiu-Yee KWAN, Anna

Academic qualifications:

1995 B.Sc. The University of Hong Kong
2006 Ph.D. The Chinese University of Hong Kong

Previous academic positions held:

2006-2007	Research coordinator	Department of Physiology, Faculty of Medicine, The Chinese University of Hong Kong
2007-2008	Postdoctoral Scholar	Department of Nutritional Science and Toxicology, University of California, Berkeley, U.S.A.
2010-2011	Postdoctoral Research Fellow	School of Chinese Medicine, Hong Kong Baptist University

Present academic position:

2011-	Research Assistant Professor	School of Chinese Medicine, Hong Kong Baptist University

Representative publications

1. **Kwan HY**, Fu X, Liu B, Chao X, Chan CL,Su T, Tse AK, Fong WF, Yu ZL. (2014) Subcutaneous adipocytes promote melanoma cell growth by activating Akt signaling pathway: Role of palmitic acid. J Biol Chem 289(44):30525-30537. *[impact factor: 4.60, Rank 65 out of 291 in Biochemistry & Molecular Biology].*
2. **Kwan HY**, Chao X, Su T, Fu XQ, Liu B, Tse AK, Fong WF, Yu ZL. (2014) Dietary lipids and adipocytes: Potential therapeutic targets in cancers. Review. Journal of Nutritional Biochemistry (Epud ahead of print) *[impact factor: 4.592, Rank 9 out of 78 in Nutrition & Dietetics].*
3. **Kwan HY**, Yang ZJ, Fong WF, Hu YM, Yu ZL, Hsiao WL. (2013) The anti-cancer effect of oridonin is mediated by fatty acid synthase suppression in colorectal cancer cells. J Gastroenterol 48:182-192.
4. **Kwan HY**, Hu YM, Chan CL, Cao HH, Cheng CY, Pan SY, Tse KW, Wu YC, Yu ZL, Fong WF. (2013) Lipidomics identification of metabolic biomarkers in chemically-induced hypertriglyceridemic mice. J Proteome Res 12(3): 1387-1398.
5. **Kwan HY**, Fong WF, Yang Z, Yu ZL, Hsiao WL. (2013) Inhibition of DNA-dependent protein kinase reduced palmitate and oleate-induced lipid accumulation in HepG2 cells Eur J Nutr 52(6): 1621-1630.
6. Wong RH, Chang I, Hudak CS, Hyun S, **Kwan HY**, Sul HS. (2009) A role of DNA-PK for the metabolic gene regulation in response to insulin. Cell 136(6):1056-1072.
7. **Kwan HY**, Wong CO, Chen ZY, Chan TW, Huang Y, Yao X. (2009). Stimulation of histamine H2 receptor activates TRPC3 channels through both phospholipase C and phospholipase D. Eur J Pharmacol 602(2-3):181-187.
8. **Kwan HY**, Shen B, Ma X, Kwok YC, Huang Y, Man YB, Yu S, Yao S. (2009) TRPC1 associates with BKca channel to form a signal complex in vascular smooth muscle cells. Circ Res. 104(5): 670-678. Erratum in: Circ Res. 2009 105(6):e6. *[impact factor: 11.861, Rank 4 out of 125 in Cardiac & Cardiovascular Systems].*
9. **Kwan HY**, Huang Y, Yao X. (2006). Protein kinase C can inhibit TRPC3 channels indirectly via stimulating protein kinase G. J Cell Physiol. 207(2):315-21. *[impact factor: 3.874, Rank 14 out of 81 in Physiology].*
10. **Kwan HY**, Huang Y, Yao X. (2004). Regulation of canonical transient receptor potential isoform 3 (TRPC3) channel by protein kinase G. Proc Natl Acad Sci U S A. 101(8):625-630.