



CURRICULUM VITAE of Dr. YU ZHILING (zlyu@hkbu.edu.hk)

Name: Yu Zhiling

Academic qualifications:

1986 B.Sc. Henan College of Traditional Chinese Medicine, Zhengzhou, China
2003 Ph.D. Hong Kong University of Science and Technology, Hong Kong

Previous academic positions held:

1986-1998	Teaching Assistant, Assistant Professor and Associate Professor	China Pharmaceutical University
2003-2004	Research Associate	Hong Kong University of Science and Technology
2004-2005	Professor	School of Life Sciences, Xiamen University
2006-2011	Assistant Professor	Hong Kong Baptist University

Present academic position:

2011-	Associate Professor	Hong Kong Baptist University
2010-	Fellow	Institute for Cancer and Inflammation Research, School of Chinese Medicine, Hong Kong Baptist University

Research interests:

- Pharmacology of Chinese medicines
- Processing of Chinese materia medica

Representative publication in the past five years (* corresponding author)

1. Kwan HY, Fu X, Liu B, Chao X, Chan CL, Cao HH, Su T, Tse AK, Fong WF, **Yu ZL***. Subcutaneous adipocytes promote melanoma cell growth by activating Akt signaling pathway: role of palmitic acid. *J Biol Chem.* 2014;289(44):30525-37.
2. Cao HH, Tse AK, Kwan HY, Yu H, Cheng CY, Su T, Fong WF, **Yu ZL***. Quercetin exerts anti-melanoma activities and inhibits STAT3 signaling. *Biochem Pharmacol.* 2014;87:424-34.
3. Tse AW, Cao HH, Cheng CY, Kwan HY, Yu H, Fong WF, **Yu ZL***. Indomethacin Sensitizes TRAIL-Resistant Melanoma cells to TRAIL-induced Apoptosis through ROS-mediated Up-regulation of Death Receptor 5 and Down-regulation of Survivin. *J Invest Dermatol.* 2014;134:1397-407.
4. Kwan HY, Chao XJ, Su T, Fu XQ, Tse AK, Fong WF, **Yu ZL***. The anti-cancer and anti-obesity effects of Mediterranean diet. *Crit Rev Food Sci Nutr.* 2014; doi: 10.1080/10408398.2013.852510.
5. Fu XQ, Chou GX, Kwan HY, Tse KW, Zhao LH, Yuen TK, Cao HH, Yu H, Chao XJ, Su T, Cheng CY, Sun XG, **Yu ZL***. Inhibition of STAT3 signaling contributes to the anti-melanoma action of atractylenolide II. *Exp Dermatol.* 2014; 23:855-7.
6. Su T, Yu H, Kwan HY, Ma XQ, Cao HH, Cheng CY, Leung AK, Chan CL, Li WD, Cao H, Fong WF, **Yu ZL***. Comparisons of the chemical profiles, cytotoxicities and anti-inflammatory effects of raw and rice wine-processed *Herba Siegesbeckiae*. *J Ethnopharmacol.* 2014;156:365-9.
7. Tse AK, Chow KY, Cao HH, Cheng CY, Kwan HY, Yu H, Zhu GY, Wu YC, Fong WF, **Yu ZL***. The Herbal Compound Cryptotanshinone Restores Sensitivity in Cancer Cells that are Resistant to the Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand. *J Biol Chem.* 2013;288:29923-33.
8. Ma XQ, Man Leung AK, Chan CL, Su T, Li WD, Li SM, Fun Fong DW, **Yu ZL***. UHPLC UHD Q-TOF MS/MS analysis of the impact of sulfur fumigation on the chemical profile of *Codonopsis Radix* (Dangshen). *Analyst.* 2013;139:505-16.
9. Kwan HY, Hu YM, Chan CL, Cao HH, Cheng CY, Pan SY, Tse KW, Wu YC, **Yu ZL***, Fong WF. Lipidomics identification of metabolic biomarkers in chemically induced hypertriglyceridemic mice. *J Proteome Res.* 2013;12:1387-98.
10. Kwan HY, Yang Z, Fong WF, Hu YM, **Yu ZL***, Hsiao WL. The anticancer effect of oridonin is mediated by fatty acid synthase suppression in human colorectal cancer cells. *J Gastroenterol.* 2013;48:182-92.

Granted projects as principal investigator (In the last 5 years)

1. 白藜抗結直腸癌的分子機制研究. Science Technology and Innovation Committee of Shenzhen. JCYJ20140807091945050. 2014/12-2016/12. 379,500 HKD.
2. Study on the Processing Standards for Toxic Chinese Materia Medica. Innovation and Technology Commission (ITF): GHP/030/13. 2014/09-2016/08. 3,395,600 HKD (including Interns and industry support).
3. Evaluation of the chronic toxicity of a commonly used Chinese medicinal herb *Siegesbeckiae Herba*. Food and Health Bureau (HMRF). 11122521. 2014/01-2015/12. 850,000 HKD.
4. Standardization of the Vinegar for Processing Chinese Materia Medica. Innovation and Technology Commission (ITF). UIM/238. 2013/07-2015/07. 3,227,730 HKD (including Interns and industry matching).

5. 二花營實方的抗炎活性及其分子機制研究. Science Technology and Innovation Committee of Shenzhen. JCYJ20120829154222473. 2013/03-2015/03. 253,780 HKD.
6. Evaluation of the anti-melanoma action of sesquiterpenes isolated from a traditional Chinese medicinal herb *Atractylodes Macrocephalae* Rhizoma. University Grants Committee (GRF). 262512. 2013/01-2014/12. 707,908 HKD.
7. Pharmacological Studies for Developing Qian-wang-hong-bai-san as a Modern Therapeutic Agent against Skin Hyperpigmentary Disorders. Innovation and Technology Commission (ITF). ITS/235/11. 2012/07-2013/12. 931,000 HKD (Including Interns and industry support).