

## CURRICULUM VITAE of Dr. YU ZHILING ([zlyu@hkbu.edu.hk](mailto:zlyu@hkbu.edu.hk))

### Academic qualifications:

2003, Ph. D. Hong Kong University of Science and Technology, Hong Kong

1986, B. Sc. Henan College of Traditional Chinese Medicine, Zhengzhou, China

### Professional Chronology:

1986-1998 Lecturer, Assistant Professor and Associate Professor, China Pharmaceutical University.

1994-1995 Visiting Scholar, Nagasaki University, Japan.

1998-1999 Croucher Foundation Scholar, Hong Kong University of Science and Technology.

2003-2004 Research Associate, Hong Kong University of Science and Technology.

2004-2005 Professor, School of Life Sciences, Xiamen University, China

2006-2011 Assistant Professor, School of Chinese Medicine, Hong Kong Baptist University

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

### Previous relevant research work:

Investigation of hepatic lipid lowering agents. Establishment of in vitro human hepatosteatosis model.  
Identification of molecular targets of anticancer agents in liver cancer cells.

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

1. Y Ye, XJ Chao, JF Wu, BC Cheng, T Su, XQ Fu, T Li, H Guo, AK Tse, HY Kwan, J Du, GX Chou, **ZL Yu\***. ERK/GSK3 $\beta$  signaling is involved in atractylenolide I-induced apoptosis and cell cycle arrest in melanoma cells. *Oncology Reports*. 2015 Jul 6. doi: 10.3892/or.2015.4111.
2. HY Kwan, X Niu, W Dai, T Tong, X Chao, T Su, CL Chan, KC Lee, X Fu, H Yi, H Yu, T Li, AK Tse, WF Fong, SY Pan, A Lu, **ZL Yu\***. Lipidomic-based investigation into the regulatory effect of Schisandrin B on palmitic acid level in non-alcoholic steatotic livers. *Scientific Report*. 2015 Mar 13; 5: 9114. doi: 10.1038/srep09114.
3. HY Kwan, X Chao, T Su, XQ Fu, B Liu, AK Tse, WF Fong, **ZL Yu\***. Dietary lipids and adipocytes: potential therapeutic targets in cancers. *The Journal of Nutritional Biochemistry*. 2015, 26(4): 303-311
4. T Su, H Yu, HY Kwan, XQ Ma, HH Cao, CY Cheng, AK Leung, CL Chan, WD Li, H Cao, WF Fong, **ZL Yu\***. Comparisons of the chemical profiles, cytotoxicities and anti-inflammatory effects of raw and rice wine-processed Herba Siegesbeckiae. *Journal of Ethnopharmacology*. 2014, 156: 365-369

5. XQ Ma, AK Leung, CL Chan, T Su, WD Li, SM Li, DW Fong, **ZL Yu\***. UHPLC UHD Q-TOF MS/MS analysis of the impact of sulfur fumigation on the chemical profile of Codonopsis Radix (Dangshen). *Analyst*. 2014, 39(2): 505-516.
6. D Guo, L Xu, X Cao, Y Guo, Y Ye, CO Chan, DK Mok, **ZL Yu\***, S Chen. Anti-inflammatory activities and mechanisms of action of the petroleum ether fraction of *Rosa multiflora* Thunb. hips. *Journal of Ethnopharmacology*. 2011, **138**: 717-722
7. Y Ye, H Wang, JH Chu, GX Chou, WF Fong, **ZL Yu\***. Atractylenolide II induces G1 cell-cycle arrest and apoptosis in B16 melanoma cells. *Journal of Ethnopharmacology*. 2011, **136**: 279-282
8. JH Chu, H Wang, Y Ye, PK Chan, SY Pan, WF Fong, **ZL Yu\***. Inhibitory effect of schisandrin B on free fatty acid-induced steatosis in L-02 cells. *World Journal of Gastroenterology*. 2011, **17**: 2379-2388
9. Y Ye, H Wang, JH Chu, GX Chou, **ZL Yu\***. Activation of p38 MAPK pathway contributes to the melanogenic property of apigenin in B16 cells. *Experimental Dermatology*. 2011, **20**: 755-757
10. H Wang, Y Ye, SY Pan, GY Zhu, YW Li, DW Fong, **ZL Yu\***. Proteomic identification of proteins involved in the anticancer activities of oridonin in HepG2 cells. *Phytomedicine*. 2011, **18**: 163-169
11. HY Fang, DJ Guo, SB Chen, SY Pan, **ZL Yu\***. Proteomic identification of differentially expressed proteins in curcumin-treated MCF-7 cells. *Phytomedicine*. 2011, **18**: 697-703
12. SY Pan, H Dong, BF Guo, Y Zhang, Q Yu, Y Ye, **ZL Yu\***, YF Han, KM Ko. Tacrine treatment at high dose inhibits the recognition memory in juvenile and adult mice, with attention to hepatotoxicity. *Basic & Clinical Pharmacology & Toxicology*. 2011, **108**: 421-427
13. Y Ye, JH Chu, H Wang, H Xu, GX Chou, AK Leung, WF Fong, **ZL Yu\***. Involvement of p38 MAPK signaling pathway in the anti-melanogenic effect of San-bai-tang, a Chinese herbal formula, in B16 cells. *Journal of Ethnopharmacology*. 2010, **11**: 533-535
14. Y Ye, GX Chou, DD Mu, H Wang, JH Chu, AK Leung, WF Fong, **ZL Yu\***. Screening of Chinese herbal medicines for antityrosinase activity in a cell free system and B16 cells. *Journal of Ethnopharmacology*. 2010, **129**: 387-390
15. Y Ye, GX Chou, H Wang, JH Chu, **ZL Yu\***. Flavonoids, apigenin and icariin exert potent melanogenic activities in murine B16 melanoma cells. *Phytomedicine*. 2010, **18**: 32-35
16. H Wang, Y Ye, JH Chu, GY Zhu, WF Fong, **ZL Yu\***. Proteomic and functional analyses reveal the potential involvement of endoplasmic reticulum stress and  $\alpha$ -CP1 in the anticancer activities of oridonin in HepG2 cells. *Integrated Cancer Therapy*. 2011, **10**: 160-167
17. Y Ye, GX Chou, H Wang, JH Chu, WF Fong, **ZL Yu\***. Effects of sesquiterpenes isolated from largehead atractylodes rhizome on growth, migration and differentiation of B16 melanoma cells. *Integrated Cancer Therapy*. 2011, **10**: 92-100

18. H Wang, Y Ye, JH Chui, GY Zhu, YW Li, DW Fong, **ZL Yu\***. Oridonin induces G2/M cell cycle arrest and apoptosis through MAPK and p53 signaling pathways in HepG2 cells. *Oncology Reports*. 2010, **24**: 647-651
19. H Wang, PK Chan, SY Pan, KH Kwon, Y Ye, JH Chu, WF Fong, WM Tsui, **ZL Yu\***. ERp57 is up-regulated in free fatty acids-induced steatotic L-02 cells and human nonalcoholic fatty livers. *Journal of Cellular Biochemistry*. 2010, **110**: 1447-1456
20. H Wang, PK Chan, KH Kwon, MS Tsui, **ZL Yu\***. ERp57 is overexpressed in an *in vitro* hepatosteatosis model and livers of patients with nonalcoholic fatty liver disease. *Hepatology International*. 2010, **4**: 7