

CURRICULUM VITAE of Dr. YU ZHILING (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 β 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 α -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