



CURRICULUM VITAE of Dr. ZHANG HONGJIE (zhanghj@hkbu.edu.hk)

Name: Zhang Hongjie

Academic qualifications:

- 1985 B.Sc. Chemistry Department, Yunnan University, Kunming, Yunnan, China
1988 M.S. State Key Laboratory of Phytochemistry and Plant Resources in West China, Kunming Institute of Botany, The Chinese Academy of Sciences, Kunming, Yunnan, China
1995 Ph.D. State Key Laboratory of Phytochemistry and Plant Resources in West China, Kunming Institute of Botany, The Chinese Academy of Sciences, Kunming, Yunnan, China

Previous academic positions held:

- | | | |
|-----------------|------------------------------|---|
| 09/1988-04/1991 | Research Fellow | Kunming Institute Botany |
| 05/1991-04/1995 | Assistant Professor | Kunming Institute Botany |
| 05/1995-10/1997 | Associate Professor | Kunming Institute Botany |
| 11/1997-12/2002 | Professor | Kunming Institute Botany |
| 10/2003-07/2007 | Research Assistant Professor | Department of Medicinal Chemistry and Pharmacognosy, College of Pharmacy, University of Illinois at Chicago |
| 08/2007-11/2011 | Research Associate Professor | Department of Medicinal Chemistry and Pharmacognosy, College of Pharmacy, University of Illinois at Chicago |

Present academic position:

- | | | |
|----------|---------------------|------------------------------|
| 12/2012- | Associate Professor | Hong Kong Baptist University |
|----------|---------------------|------------------------------|

Research interests:

- Drug discovery and development of natural products
- Development of alternative medicines
- Organic synthesis of natural products

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

1. Pan WH, Liu KL, Guan YF, Tan GT, Hung NV, Cuong NM, Doejarto DD, Pezzuto JM, Fong HHS, **Zhang HJ***. Bioactive compounds from *Vitex leptobotrys*. *Journal of Natural Products* 2014, 77 (3), 663-667.
2. Li SH, Qiu SX, Yao P, Sun HD, Fong HHS, **Zhang HJ***. Compounds from the Fruits of the Popular European Medicinal Plant *Vitex agnus-castus* in Chemoprevention via NADP(H) : Quinone Oxidoreductase Type 1 Induction. *Evidence-Based Complementary and Alternative Medicine* 2013, 2013: Article ID 432829, 7pages.
3. Zou J, Pan LT*, Li QJ, Pu JX, Yao P, Zhu M, Banas JAB, **Zhang HJ***, Sun HD. Rubesanolides C-E: The abietane diterpenoids isolated from *Isodon rubescens* and evaluation of their anti-biofilm activity. *Organic & Biomolecular Chemistry* 2012, 10 (26), 5039-5044.
4. **Zhang HJ***, Qiu MH, Chen YG, Chen JX, Sun Y, Wang CF, Fong HHS. Plant Terpenes, in *Natural Products*, edited by Pezzuto, John and Kato, Massuo Jorge, in *Encyclopedia of Life Support Systems (EOLSS)*, Developed under the Auspices of the UNESCO, Eolss Publishers, Oxford, UK, [http://www.eolss.net], 2011.
5. Yang JH, Kondratyuk TP, Jermihov KC, Marler LE, Qiu X, Choi YS, Cao HM, Yu R, Sturdy M, Hung R, Liu Y, Wang LQ, Mesecar AD, van Breemen RB, Pezzuto JM, Fong HHS, Chen YG*, **Zhang HJ***. Bioactive compounds from the Fern *Lepisorus contortus*. *Journal of Natural Products* 2011, 74 (2), 129-136.
6. Zou J, Pan LT*, Li QJ, Zhao JH, Pu JX, Yao P, Gong NB, Lu Y, Kondratyuk TP, Pezzuto JM, Fong HHS, **Zhang HJ***, Sun HD. Rubesanolides A and B: diterpenoids from *Isodon rubescens*. *Organic Letters* 2011, 13 (6), 1406-1409.
7. Rumschlag-Boom E*, **Zhang HJ**, Soejarto DD, Fong HHS, Rong LJ. Development of an antiviral screening protocol: One-Stone-Two-Birds. *Journal of Antivirals & antiretrovirals* 2011, 3 (1), 8-10.
8. Truong BN, Pham VC, Mai HDT, Hung NV, Cuong NM, Nguyen TH, **Zhang HJ**, Fong HHS, Franzblau SG, Soejarto DD, Chau VM*. Antituberculosis cycloartane triterpenoids from *Radermachera boniana*. *Journal of Natural Products* 2011, 74 (5), 1318-1322.
9. Yang JH, Kondratyuk TP, Marler LE, Qiu X, Choi YS, Cao HM, Sturdy M, Pegan S, Liu Y, Wang LQ, Mesecar AD, van Breemen RB, Pezzuto JM, Fong HHS, Chen YG*, **Zhang HJ***. Isolation and evaluation of kaempferol glycosides from *Neocheiropteris palmatopedata*. *Phytochemistry* 2010, 71 (5-6), 641-647.
10. **Zhang HJ***, Rothwangl K, Mesecar AD, Sabahi A, Rong LJ*, Fong HHS. Lamiridosins, hepatitis C virus entry inhibitors from *Lamium album*. *Journal of Natural Products* 2009, 72 (12), 2158-2162.

Selected Patents

1. Zhang, Hongjie. Novel semi-synthesizing process of taxol. Faming Zhuanli Shenqing Gongkai Shuomingshu (2000), 13 pp. Application: CN 99-10653 19990518.

2. Zhang, Hongjie. Preparation of paclitaxel intermediate from 7-(1 β -xylosyl)-10-deacetyltaxol isolated from bark of *Taxus yunnanensis*. Faming Zhuanli Shenqing Gongkai Shuomingshu (2000), 20 pp. Application: CN 99-10686 19990524.
3. Zhang, Hongjie; Soejarto, D. Doel; Fong, Harry H. S. New anticancer agents from a tropical plant. US Patent, Serial No. 61/238, 372.
4. Zhang, Hongjie; Rong, Lijun; Soejarto, D. Doel; Fong, Harry H. S.; Rumschlag-Booms, Emily. New anti-HIV agents from a tropical plant. PCT/US2012/048657.
5. Zhang, Hongjie. Novel anti-cancer agents synthesized based on the milusane natural products. US Patent, Application number: US13/831,997.