



## CURRICULUM VITAE of Mr. Alan HO ([alanhbm@hkbu.edu.hk](mailto:alanhbm@hkbu.edu.hk))

Name: HO Hing Man, Alan

### Academic qualifications:

1996-1999 B. Sc. The Chinese University of Hong Kong  
1999-2001 M. Phil. The Chinese University of Hong Kong

### Previous and present position:

2002-2013 Technical Instructor School of Chinese Medicine, Hong Kong Baptist University  
2013- Senior Technical Instructor School of Chinese Medicine, Hong Kong Baptist University

### Relevant research work:

Technical expertise Mass spectrometry  
Research area MS related analysis (e.g. small molecules analysis, proteomics and metabolomics)

### Recent publications

1. Xu J, Yue RQ, Liu J, **Ho HM**, Yi T, Chen HB, Han QB. Structural diversity requires individual optimization of ethanol concentration in polysaccharide precipitation. *Int J Biol Macromol.* 2014;67C:205-209.
2. Wang JR, Yau LF, Zhang R, Xia Y, Ma J, **Ho HM**, Hu P, Hu M, Liu L, Jiang ZH. Transformation of Ginsenosides from Notoginseng by Artificial Gastric Juice Can Increase Cytotoxicity toward Cancer Cells. *J Agric Food Chem.* 2014;62(12):2558-73.
3. Kwok KY, Xu J, **Ho HM**, Chen HB, Li M, Lang Y, Han QB. Quality evaluation of commercial Huang-Lian-Jie-Du-Tang based on simultaneous determination of fourteen major chemical constituents using high performance liquid chromatography. *J Pharm Biomed Anal.* 2013;85:239-44.
4. Bai LP, **Ho HM**, Ma DL, Yang H, Fu WC and Jiang ZH. Aminoglycosylation can enhance the G-quadruplex binding activity of epigallocatechin. *PLoS One.* 2013;8(1):e53962.
5. Lu JG, Zhu L, Lo YW, Leung KM, **Ho HM**, Zhang HY, Zhao ZZ, Fong WF and Jiang ZH. Chemical Differentiation of Two Taste Variants of *Gynostemma pentaphyllum* by using UPLC-Q-TOF-MS and HPLC-ELSD. *J Agric Food Chem.* 2012; 61, 90-97.
6. Zhang H, Wang JR, Yau LF, **Ho HM**, Chan CL, Hu P, Liu L and Jiang ZH. A cellular lipidomic study on the A $\beta$ -induced neurotoxicity and neuroprotective effects of EGCG by using UPLC/MS-based glycerolipids profiling and multivariate analysis. *Mol Biosyst.* 2012;8(12):3208-15.
7. Fan YF, Xie Y, Liu L, **Ho HM**, Wong YF, Liu ZQ and Zhou H. Paeoniflorin reduced acute toxicity of aconitine in rats is associated with the pharmacokinetic alteration of aconitine. *J Ethnopharmacol.* 2012;141(2):701-8.
8. Wang JR, Leung CY, **Ho HM**, Chai S, Yau LF, Zhao ZZ and Jiang ZH. Quantitative comparison of ginsenosides and polyacetylenes in wild and cultivated American ginseng. *Chem Biodivers.* 2010;7(4):975-83.
9. Liang Z., Jiang ZH, **Ho HM** and Zhao Z. Comparative analysis of *Oldenlandia diffusa* and its substitutes by HPLC fingerprint and mass spectrometric analysis. *Planta Medica.* 2007; 73, 1502-1508.

Name of Technical Staff: **Mr. Alan Ho**

Role as the 1 <sup>st</sup> Equipment In-charge			Role as the 2 <sup>nd</sup> Equipment In-charge		
Equipment Name	Location	Responsibilities	Equipment Name	Location	Responsibilities
High resolution Q-TOF LC-MS system (Model: MicrOTOF-Q, Bruker Daltonics)	SCM 802	1, 2, 3, 4			
Ultra high definition Q-TOF LC-MS system (Model:6540, Agilent Technologies)	SCM 707	1, 2, 3, 4			
Ultra high sensitivity triple quadrupole LC-MS system (Model: 6460, Agilent Technologies)	SCM 707	1, 2, 3, 4			
Ion-trap LC-MS equipped with ETD fragmentation technology for protein analysis (Model: Amazon, Bruker Daltonics)	SCM 609A	1, 2, 3, 4			
MALDI-TOF/TOF MS for protein analysis (Model: Autoflex III, Bruker Daltonics)	SCM 609A	1, 2, 3, 4			
Nano-LC and LC-Chip cube system (Agilent Technologies)	SCM 707	1, 2, 3, 4			
GC-MS system (Model: QP2010, Shimadzu)	SCM 802	1, 3, 4			
HPLC systems with ELSD detector (Model: 1100, Agilent Technologies)	SCM 802	1, 3, 4			
HPLC systems (Model: 1100, Agilent Technologies)	SCM 802	1, 3, 4			
HPLC systems (Model: 1100, Agilent)	SCM 702	1, 3, 4			

Technologies)					
Preparative HPLC system (Waters)	SCM 802	1, 3, 4			
High speed counter current chromatography system (TBE 1000A, Tauto Biotech)	SCM 802	4			
UHPLC system (Model: Ultimate 3000, Thermo Scientific)	SCM 301	1, 3, 4			
Centrifugal Vacuum Concentrator (Labconco)	SCM 802	3, 4			
UV spectrophotometer (Model: V530, Jasco)	SCM 802	3, 4			
Polarimeter (Model: P1010, Jasco)	SCM 802	3, 4			
Fluorescence spectrometer (Model: LS55, Perkinelmer)	SCM 802	1, 3, 4			
Melting point analyzer	SCM 802	3, 4			
Fraction collector x2	SCM 802	3, 4			
Rotary evaporator x2	SCM 802	3, 4			
Centrifuge x2	SCM 802	4			
Analytical balance x2	SCM 802	4			
Freezer x2	SCM 802	4			

Responsibilities:

1. Develop test methods for users
2. Operate the equipment
3. Provide training to users
4. Conduct maintenance for the equipment