

Summary Report

Herbal Resources II (Cultivation and Herbal Quality)
August 19 (Saturday), 13:00-16:00.

This session received 35 abstracts, and 11 of them were selected to give an oral presentation at the meeting.

Abstracts from different areas

US	Yale Univ	1
Thailand		1
Hong Kong	Hong Hong Baptist Univ	9
Macao	Univ Macao	4
Taiwan		1
Mainland	10 Institutions Peking Univ, Chinese Academy of Chinese Medical Sciences, Shenyang Pharm Univ, Jinan Univ, South China Botanical Garden, Guangdong Provincial TCM Hospital, ...	19

Topics for the Abstracts:

- **Quality control**
 - Species identification by DNA barcoding
 - Chemical analysis of multiple chemical markers
 - Analysis of polysaccharides
- **Bacteria affecting herbal cultivation**
- **Biosynthetic enzymes in herbal secondary metabolism**
- **New resources for herbal medicines**

Panelists

5b. Herbal Resources II (Cultivation and Herbal Quality)		Name of Institute	Panel members Email
Chairman	Min YE (PU)	Peking University	yemin@bjmu.edu.cn
Co-Chairman	Shao-ping LI (UM)	University of Macau	SpLi@umac.mo
	Zhong-zhen Zhao (HKBU)	Hong Kong Baptist University	zzzhao@hkbu.edu.hk
Panelist	Shi-lin Chen (ICMCACMS)	Institute of Chinese Materia Medica	slchen@icmm.ac.cn
	Jing-Yuan SONG (CAMS)	Chinese Academy of Medical Sciences	jysong@implad.ac.cn
	Hu-Biao Chen (HKBU)	Hong Kong Baptist University	hbchen@hkbu.edu.hk
	Chun-Lin LONG (MUC)	Minzu University of China	long@mail.kib.ac.cn

Oral Presentations

Herbal Resources II (Cultivation and herbal quality)

August 19, 2017 (Saturday) **13:30-16:00**

Jiangmen Hall, 3F/Block 2. Guangzhou Baiyun International Convention Center

Each speaker has 12 minutes. Please talk for no more than 10 minutes, and leave at least 2 minutes for Q&A.

Time	Ref No.	Book No.	Abstract Title	Author / Speaker	Chair
13:30-13:33			Introduce the panelists		Min Ye
13:33-13:45	150	144	Quality control of the Lycium barbarum in China based on quantification of AA-2βG	Shao-ping LI	Min Ye
13:45-13:57	102	140	Holistic quality comparison between Angelica sinensis radix and A. acutiloba radix by integrated metabolomics and glycomics	Hu-Biao CHEN	Min Ye
13:57-14:09	160	147	Historical collections of Chinese medicines: A resource for clarifying the prevalence of substitutes from the Aristolochiaceae in the pre-modern era	Zhong-zhen ZHAO	Min Ye
14:09-14:21	209	152	Study of holistic quality control based on in vivo bioactive components of Sarcandrae Herba	Zhi-hong YAO	Zhong-zhen Zhao
14:21-14:33	72	133	Herbs in Acoraceae: The taxonomy and authentication	Chun Lin LONG	Zhong-zhen Zhao
14:33-14:45	143	143	The Chemical and Genetic Characteristics of Szechuan Pepper (<i>Zanthoxylum bungeanum</i> and <i>Z. armatum</i>) Cultivars and Their Suitable Habitat	Shilin CHEN	Zhong-zhen Zhao
14:45-14:57	338	159	Analysis of the ecological suitability of the global habitats for <i>Acanthopanax senticosus</i> and research of the correlation between its ecological factors and chemical constitution	Shi-lin CHEN	Zhong-zhen Zhao
15:57-15:09	277	154	Mechanism based quality control (MBQC) for quality control of herbal products: a case study YIV906(PHY-906)	Wing Lam	Shao-ping LI
15:09-15:21	49	130	The 2-oxoglutarate-dependent dioxygenase superfamily participates in tanshinone production of <i>Salvia miltiorrhiza</i>	Jing-yuan SONG	Shao-ping LI
15:21-15:33	345	162	Molecular Cloning, Expression and Characterization of UDP-glucose pyrophosphorylase (UGP) Gene from <i>Dendrobium officinale</i>	Chummei HE	Shao-ping LI
15:33-15:45	54	131	Biosynthesis-Based Quantitative Analysis of 151 Secondary Metabolites of Licorice to Differentiate Medicinal <i>Glycyrrhiza</i> Species and Their Hybrids	Min YE	Shao-ping LI
15:45-16:00			wrap up		Zhong-zhen Zhao