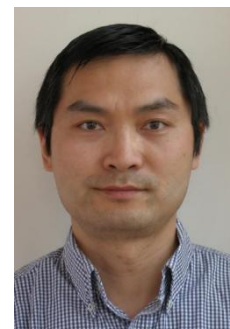


# CURRICULUM VITAE

Personal Information			
Name	Xuebo Hu	Gender	M
Position Title	Professor		
Working Department	Medicinal Plants		
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Research Interest			
<p>I believe traditional medicine is good, but it can be much better than just goodness. We are focusing on chemically improving medicine originated from natural resources by all means including screening of active components from medicinal plants or other natural products. We have built drug discovery platform for anti-inflammation, anti-cancer and anti-Diabetes. New resources of medicinal plants are also within our focus. We have wide collaboration with professionals from many countries. We want to extend our collaboration from all countries especially those countries in The Belt and Road Initiative.</p>			
Professional Memberships			
NA			
Other Roles			
Director of National-Regional Joint Engineering Research Center in Hubei for Medicinal Plant Breeding and Cultivation, Director of Medicinal Plant Engineering Research Center of Hubei Province			
Education & Working Experience			
<b>EDUCATION</b> Doctoral degree of Philosophy, Plant Pathology, 2006. Zhejiang University, Hangzhou, China Bachelor of Biology; Major: Plant protection, 1997. Huazhong Agricultural			



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### **WORK EXPERIENCE**

2012-present, Chutian Professor, Leader of Medicinal Plants, College of Plant Science and Technology, Central China Agricultural University

2009-2012, Research Associate, Department of Biomedical Engineering, Cornell University

2006-2009, Postdoctoral Associate, Department of Biomedical Engineering, Cornell University

2004-2006, Research assistant, Institute for Microbiology, Chinese Academy of Science, Beijing, China

### **Publications**

1. Jafari M, Akram W, Pang Y, Ahmad A, Ahmed S, Yasin NA, Anjum T, Ali B, Hu X, Li X, Dong S, Cai Q, Ciprian M, Bielec M, Hu S, Sefidkon F, **Hu X\***. Genetic diversity and biogeography of *T. officinale* inferred from multi locus sequence typing approach. **PLoS One**. 2018 Sep 18;13(9):e0203275
2. Zhang Q, Hu S, Wang K, Cui M, Li X, Wang M, **Hu X\***. Engineering a yeast double-molecule carrier for drug screening. *Artif Cells Nanomed Biotechnol*. 2018 Apr 3:1-11
3. Faruque MO, Uddin SB, Barlow JW, Hu S, Dong S, Cai Q, Li X, **Hu X\***. Quantitative Ethnobotany of Medicinal Plants Used by Indigenous Communities in the Bandarban District of Bangladesh. **Front Pharmacol**. 2018 Feb 6;9:40
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5. Ahmed S, Liu H, Ahmad A, Akram W, Abdelrahman EKN, Ran F, Ou W, Dong S, Cai Q, Zhang Q, Li X, Hu S, **Hu X\***. Characterization of Anti-bacterial Compounds from the Seed Coat of Chinese Windmill Palm Tree (*Trachycarpus fortunei*). **Front Microbiol**. 2017 Oct 4;8:1894
6. Hu Y, Ahmed S, Li J, Luo B, Gao Z, Zhang Q, Li X, **Hu X\***. Improved ganoderic acids production in *Ganoderma lucidum* by wood decaying components. **Sci Rep**. 2017 Apr 19;7:46623
7. Zhan C, Li X, Zhao Z, Yang T, Wang X, Luo B, Zhang Q, Hu Y, **Hu X\***. Comprehensive Analysis of the Triterpenoid Saponins Biosynthetic Pathway in *Anemone flaccida* by Transcriptome and Proteome Profiling. **Front Plant Sci**. 2016, 7:1094
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- Its Sesquiterpenoid Biosynthesis of the Major Active Components. *PLoS One*. 2016 Mar 18;11(3):e0151975
9. Xin-Mei Zhao, Zhang-Qian Wang, Shao-Hua Shu, Wen-Juan Wang, Hai-Jie Xu, Young-Joon Ahn, Mo Wang\*, Xuebo Hu\* Ethanol and Methanol Can Improve Huperzine A Production From Endophytic *Colletotrichum gloeosporioides* ES026. ***Plos One*** 2013, 8:e61777.
  10. Xuebo Hu, P. Saha, Xiaoyue Chen, Dogeun Kim, Mahesh Devarasetty, Raghavan Varadarajan, Moonsoo Jin. Cell Surface Assembly of HIV gp41 Six-Helix Bundles for Facile, Quantitative Measurements of Hetero-oligomeric Interactions. ***J. Am. Chem. Soc.*** 2012, 134:14642-14645.
  11. Jacque M Tremblay, Chueh-Ling Kuo, Claudia Abeijon, Jorge Sepulveda, George Oyler, **Xuebo Hu**, Moonsoo M Jin, Charles B Shoemaker. Camelid single domain antibodies (VHHs) as neuronal cell intrabody binding agents and inhibitors of *Clostridium botulinum* neurotoxin (BoNT) proteases. ***Toxicon***, 2010,56:990-998.
  12. **Xuebo Hu**, Sungkwon Kang, Craig Lefort, Minsoo Kim, Moonsoo Jin. Combinatorial libraries against libraries for selecting neoepitope activation-specific antibodies. ***Proc. Natl. Acad. Sci. U. S. A.*** 2010,107: 6252-6257.
  13. **Xuebo Hu**, Sungkwon Kang, Xiaoyue Chen, Shoemaker CB, Moonsoo Jin. Yeast surface two-hybrid for quantitative in vivo detection of protein-protein interactions via the secretory pathway. ***J Biol Chem.*** 2009 12;284(24):16369-76.

### Additional Information

Please read carefully, otherwise your application may be ignored without any response. Please do not waste your time and my time. I really appreciate your understanding.

We welcome international students apply for MS and PhD program, funded by the university or China Scholarship Council. Since there are too many applications each year, top priority will be given to applicants who meet the following requirement: 1) have an extensive background of molecular biology, organic chemistry and pharmacy. Applicant should have hands on skills of PCR, primer design, centrifuge for degree holders of molecular biology. Skills of chemical synthesis, HPLC operation and analysis plus fully understanding NMR, LC/GC-MS theory is required for organic chemistry or pharmacy degree. 2) WE DO NOT offer any study in traditional agronomy including crop science/technology, plant protection. This is no more my focus. Please go for other professors if you have a degree in these fields. However, plant science and crop genetics may be considered if you hold an academic position. 3) To increase our diversity, students from Pakistan and Iran will not have a chance unless you are referred by a colleague (NOT a HZAU student) I know. 4) Both your oral and written ENGLISH skill should be strong. PhD applicant with a publication in international journal will be highly appreciated. 5) I select candidate by two disciplines, one is your are smart and have potential, second you are most hard-working people. If you just spend average time in the study, please DO NOT TRY ever. 6) NO RELIGION in the working place. 7) The best time to apply is each April and May. The deadline is the end of May. Contacting me on other time will be negatively reviewed.