

## BIOGRAPHICAL SKETCH

NAME Fuchu HE	POSITION TITLE Professor & Director		
CURRENT AFFILIATION    State Key Laboratory of Proteomics, Beijing Proteome Research Center, Beijing Institute of Radiation Medicine			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Beijing Institute of Radiation Medicine, China	Ph.D.	1994	Cell Biology
Beijing Institute of Radiation Medicine, China	M.S.	1985	Biochemistry
Fudan University, Shanghai, China	B.S..	1982	Genetics

List of five recent publications by the candidate:

1. Fuchu He\*. Human Liver Proteome Project: Plan, Progress, and Perspectives. *Mol Cell Proteomics* 4: 1841-8; 2005.
2. Fuchu He\*. Proteomics in China. *Proteomics*, 6, 397-403, 2006
3. W Ying, Y Jiang, L Guo, Y Hao, Y Zhang, S Wu, F Zhong, J Wang, R Shi, D Li, P Wan, X Li, H Wei, J Li, Z Wang, X Xue, Y Cai, Y Zhu, X Qian, and F He\*. A dataset of human fetal liver proteome identified by subcellular fractionation and multiple protein separation and identification technology. *Mol Cell Proteomics*. 5(9):1703-7. 2006
4. W Sun, B Xing, Y Sun, X Du, M Lu, C Hao, Z Lu, W Mi, S Wu, H Wei, X Gao, Y Zhu, Y Jiang, X Qian, F He\*. Proteome analysis of hepatocellular carcinoma by two-dimensional difference gel electrophoresis: novel protein markers in hepatocellular carcinoma tissues. *Mol Cell Proteomics*. 6(10):1798-808, 2007
5. Dong Li, Wanlin Liu, Zhongyang Liu, Jian Wang, Qijun Liu, Yunping Zhu and Fuchu He\*. PRINCESS: a PRotein INteraction Confidence Evaluation System with multiple data Sources. *Mol Cell Proteomics* Papers in Press. Published on January 29, 2008 as Manuscript M700287-MCP200

Please indicate in 200 words or less the reason(s) why you would be a suitable candidate for the HUPO Council elections.

Professor Fuchu He, as the chief scientist, initiated a series of the Chinese Human Proteome Programs, and then pioneered the international HUPO Human Liver Proteome Project (HLPP). He has been appointed as the Chair of HLPP Committee by Human Proteome Organization (HUPO) and senior editor of *PROTEOMICS* since 2002. His dedication and contribution to HLPP was remarkably applauded by international entities (Cyranoski D. China takes centre stage for liver proteome. *Nature* 425:441, 2003; Service RF. Public projects gear up to chart the protein landscape. *Science* 302:1316, 2003; Jia H. China pushes liver proteomics. *Nature Biotech* 22:136, 2004). As the inaugural president, he led the Chinese HUPO (CNHUPO) to have succeeded in application of the HUPO 3<sup>rd</sup> Annual World Congress, which is the first time to be held in Asia. As the president of the world congress, he made it successful and was conferred "Memorial Investigation Award" by HUPO. As the president of CNHUPO, vice president of AOHUPO and council member of HUPO, he contributes actively for the harmony and co-development of the national and regional proteomics societies. Further to his research, he also holds the important positions for the leading proteomic journals, including senior editors of *<Proteomics>* and *<Proteomics—Clinical Application>* and editorial board member of *<Molecular & Cellular Proteomics>*. In 2004, as the inaugural director & the founder, he led to establish the Beijing Proteome Research Center (BPRC), which was authorized as executive headquarters of HLPP by HUPO in 2005. BPRC takes charge of organizing and coordinating the project, distributing data, information, technological fruits and intellectual property. The HUPO 2<sup>nd</sup> Initiatives Roundtable was also successfully hosted by BPRC in October, 2005.