

BIOGRAPHICAL SKETCH

NAME Pengyuan Yang	POSITION TITLE professor		
CURRENT AFFILIATION Institutes of Biomedical Sciences, Fudan University			
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
Inner Mongolian University		1972-1975	Chemistry
Sci & Tech Univ of China	MS	1978-1981	Analytical Chemistry
University of Mass, USA	Ph. D	1982-1987	Analytical Chemistry
Indiana University, USA	(Postdoc)	1987-1989	Analytical Chemistry
Xiamen University	(Postdoc)	1989-1991	Analytical Chemistry

List of five recent publications by the candidate:

1. Enrichment of Low-Abundant Peptides/Proteins on Zeolite Nanocrystals for Direct MALDI-TOF-MS Analysis, Yahong Zhang, Xiaoyan Wang, Wei Shan, Biyun Wu, Yi Tang, Pengyuan Yang*, *Angew Chem Int Ed*, 2005,44,615-617.
2. Expressed proteome analysis of human hepatocellular carcinoma in nude mice (LCI-D20) with high metastasis potential, Shen HL, Cheng G, Fan HZ, et al. Yang Pengyuan*, Liu Linkun, *Proteomics*, 2006, 6, 528-537.
3. Proteome analysis of human liver carcinoma Huh7 cells harboring hepatitis C virus subgenomic replicon, Caiyun Fang, Zhigang Yi, Feng Liu, Shuiyun Lan, Jiadong Wang, Haojie Lu, Pengyuan Yang* and Zhenghong Yuan, *Proteomics*, 2006, 6, 519-527.
4. CaCO₃-Poly(methyl methacrylate) Nanoparticles for Fast Enrichment of Low-Abundance Peptides Followed by CaCO₃-Core removal for MALDI-TOF MS Analysis, Weitao Jia, Xuehua Chen, Haojie Lu, Pengyuan Yang*, *Angew. Chem. Int. Ed.*, 2006, 45, 3345-3349.
5. Rapid and automatic on-plate desalting protocol for MALDI-MS: Using imprinted hydrophobic polymer template, Weitao Jia, HuixiaWu, Haojie Lu, Na Li, Yang Zhang, Ruifang Cail and Pengyuan Yang*, *Proteomics*, 2007, 7, 2497-2506.

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

I have served one term as a HUPO Council Member, and familiar with why-to-be, how-to-be. I have been heavily involved in the HLPP initiative, and have participated a number of activities of HUPO and HLPP. Particularly, I have many duties in charge of expressional profiling and protein-protein interaction in the HLPP initiative. My current research focuses on the new technology/methodology, disease proteome, and liver proteome. I have published a number of scientific papers in the areas of biomass spectrometry and proteomics. I would like to renew and continue my service for proteomics community as well as for HUPO organization. I would try my best to promote the HUPO projects, activities, and academic exchanges between countries and members.