

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Weidong Liu		POSITION TITLE Research Associate	
eRA COMMONS USER NAME weidong			
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
Capital University of Medical Sciences, Beijing, China	B.S.(MD)	1984	Medicine
China-Japan Friendship Medical Institute, Beijing, China	M.S	1992	Medicine

Please refer to the application instructions in order to complete sections A, B, and C of the Biographical Sketch.

A. PROFESSIONAL POSITIONS:

2001-2006 Research fellow, Department of Pediatrics, Louisiana State University Health Sciences Center
 2006-2008 Research fellow, University of Pennsylvania School of Medicine
 2008-2010 Research fellow, Jefferson Medical College
 2010-2011 DuPont Company. Wilmington.DE.19805
 2012-2012 Research Scientist. ProtTech Inc. Norristown. PA 19403
 2013- Resarch Associate, IMD, The Institute of Metabolic Disorders, GBG , Hamilton, NJ 08691

B. PUBLICATIONS:

- Wei-dong Liu, Jin-qing Wang, Kazuhiro Mitsui, Hua Shen and Kunio Tsurugi (2002) Interaction of the GTS1 gene product with glyceraldehyde-3-phosphate dehydrogenase 1(GAPDH1) required for the maintenance of the metabolic oscillations of the yeast *Saccharomyces cerevisiae*. *Eur J Biochem*(2002), V 269: 3560-3569.
- Wei-dong Liu, Hong-Wei Wang,Michelle Muguira,Mary B. Breslin,Michael S. Lan (2006) INSM1 Functions as a Transcriptional Repressor of the *NeuroD/fÒ2* Gene through the Recruitment of Cyclin D1 and Histone Deacetylases. *Biochem J*(2006), V396:
- Wang HW, Muguira M, Liu WD, Zhang T, ChenC, Aucoin R, Breslin MB , Lan MS: Identification of an INSM-1 binding site in the insulin promoter: negative regulation of the insulin gene transcription. *J Endocrinol.* 2008 Jul; 198(1):29-39.

Principal Investigator/Program Director (Last, First, Middle): Weidong Liu

4: Qunwei Zhang, Chatterjee Shampa, Zihua Wei, Wei-dong Liu, Aron Fisher(2008): Rac and PI3 Kinase mediate endothelial cell reactive oxygen species generation during normoxic lung ischemia. Antioxidants & Rcdox Signaling(2008) V10,N4, 1- 11.

5: Tao Zhang, Wei-Dong Liu, Nicolle A.Saunee, Mary B. Breslin, and Michael S.Lan (2009): Zinc-Finger Transcription Factor INSM1 Interrupts Cyclin D1 and CDK4 binding,Induces Cell Cycle Arrest. Journal of Biological Chemistry, January 5, 2009