

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Yang Mei

eRA COMMONS USER NAME (credential, e.g., agency login): YANGMEI01

POSITION TITLE: Postdoc

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
North Dakota State University, Fargo, ND	PhD	07/2016	Structural biology, cellular and molecular biology
East China University of Science and Technology, Shanghai, China	MS	06/2009	Bioengineering, tissue and cell engineering
Hunan University, Changsha, China	BS	06/2006	Biotechnology

A. Personal**Statement**

A highly innovative, productive, technically-experienced and hardworking researcher in cellular and molecular biology, biochemistry especially drug discovery and target identification using protein structural biology methods. I want to contribute my research ability to meet the scientific challenges in various projects in biochemical study. Based on my publication and presentation experiences, I am confident in my ability to communicate scientific contents to a variety of audiences.

B. Positions and Honors

Postdoctoral Scholar, Wistar Institute, Lieberman Lab, Philadelphia, PA
Postdoctoral Scholar, Tufts University, Chemical biology, Medford, MA.

2018.04-
2016.07-2018.03

**C. Contributions
Publications**

to

Science

Mei Y., Glover K., Su M., and Sinha S. Conformational flexibility of BECN1: Essential to its key role in autophagy and beyond. Protein Science. 2016.

Mei Y., Su M., Sanishvili R., Chakravarthy S., Colbert CL. and Sinha S. Identification of BECN1 and ATG14 coiled-coil interface residues important for starvation-induced autophagy. Biochemistry. 2016.

Mei Y., Ramanathan A, Glover K, Christopher , Stanley C, Sanishvili R, Chakravarthy S, et al. Conformational Flexibility Enables Function of a BECN1 Region Essential for Starvation-Mediated Autophagy. Biochemistry. 2016.

Glover K., **Mei Y.** and Sinha S. Identifying intrinsically disordered protein regions likely to undergo binding-induced helical transitions. BBA. 2016.

Mei, Y., Su, M., Soni, G., Salem, S., Colbert, C.L. and Sinha, S. Intrinsically disordered regions in autophagy proteins. Proteins: Struct., Func. Bioinform. 2014, 82(4): 565-578

Su, M., **Mei, Y.**, Sanishvili, R., Levine, B., Colbert, C.L., and Sinha, S. Targeting γ -herpesvirus 68 Bcl-2 mediated down-regulation of autophagy. J Biol Chem. 2014, 289 (12); 8029-8040

Luo, H. Y., Chen, M. Q., Wang, X., **Mei, Y.**, Ye, Z. Y., Zhou, Y., and Tan, W. S. (2014) Fabrication of viable centimeter-sized 3D tissue constructs with microchannel conduits for improved tissue properties through assembly of cell-laden microbeads. *J Tissue Eng Regen M.* 2014, **8**, 493-504

Su, M., **Mei, Y.** and Sinha, S. (2013) Role of the Crosstalk between Autophagy and Apoptosis in Cancer. J. Oncol. 14. doi0.1155/2013/102735.

Mei Y, Luo H, Tang Q, Ye Z, Zhou Y, Tan WS. Modulating and modeling aggregation of cell-seeded microcarriers in stirred culture system for macrotissue engineering. J Biotechnol. 2010 Nov;150(3):438-46.

D. Additional Information: Research Support and/or Scholastic Performance