

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 Weiping Yu, PhD	POSITION TITLE		
eRA COMMONS USER NAME			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Liverpool John Moores University [England]	PhD	1999	Organic Chemistry
Shanghai University of Science and Technology [China]	B.Sc.	1982	Organic Chemistry
Harvard Medical School [USA]	Post-Doc.	1999 – 2001	Organic Chemistry

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

A. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

Positions

- 1999 – 2001 Post-doctoral Fellow, MGH, Harvard Medical School, Boston, MA
- 2001 – 2002 Post-doctoral Fellow, Emory University School of Medicine, Atlanta, GA
- 2002 – Present Senior Research Associate, Emory University School of Medicine, Atlanta, GA

B. Publications.

- Humphrey A. Moynihan and Weiping Yu, "Improved Selective Protections of L-Arginine", *Syn Comm*, 28(1), 17-23, (1998)
- Humphrey A. Moynihan and Weiping Yu, "Alkoxyacylation and Selective De- of N-De-protection Silyl Derivatives of L-Arginine", *Tetrahedron Letters*, 39, 3349-3352 (1998)
- Humphrey A. Moynihan and Weiping Yu, "Guanidino-substituted Arginines via N-Silyl Intermediates", *J. Pharm. and Pharmacol.*, 50, 238, (1998)
- J. McConathy, Weiping Yu, et al, "Uptake Profiles of Six F-18-Labeled Amino Acids for Tumor Imaging: Comparison of In Vitro and In Vivo Uptake of Branched Chain and Cyclobutyl Amino Acids by 9L Gliosarcoma Tumor Cells", *J. Nuc Med.*, 43(5), 149 Suppl. S (2002)
- J. McConathy, Weiping Yu, et al, "Improved Synthesis of Anti-[¹⁸F]FACBC: improved preparation of labeling precursor and automated radiosynthesis", *Applied Radiation and Isotopes.*, 58(6), 657-666, (2003)

Principal Investigator/Program Director (Last, First, Middle): Yu, Weiping

Research Support. List selected ongoing or completed (during the last three years) research projects (federal and non-federal support). Begin with the projects that are most relevant to the research proposed in this application. Briefly indicate the overall goals of the projects and your role (e.g. PI, Co-Investigator, Consultant) in the research project. Do not list award amounts or percent effort in projects.

ACTIVE

5-R21-CA-098891 Goodman (PI) 08/05/03-07/31/05 NIH/NCI
Development of Novel Fluorinated Amino Acids
Objectives are the development of fluorine-18 labeled sythetic amino acids for tumor imaging.
Role: Co-I