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EDUCATION

INSTITUTION AND LOCATION	DEGREE	YEARS	FIELD OF STUDY
The Rockefeller University, New York, NY	Ph.D.	1998-2004	Cellular Physiology and Immunology
Fordham University-Rose Hill, Bronx, NY	M.S.	1995-1997	Biology
Wuhan University, Hubei, P.R. China	B.S.	1990-1994	Biochemistry

RESEARCH AND TEACHING EXPERIENCE

2007- Research associate, Laboratory of Molecular Immunology, The Rockefeller University, New York, NY
2004-2007 Postdoctoral associate, Laboratory of Molecular Immunology, The Rockefeller University, New York, NY
1998-2004 Graduate fellow, Laboratory of Cellular Physiology and Immunology, The Rockefeller University, New York, NY
1997-1998 Research assistant in Tumor Immunology, University of Connecticut Health Center, CT
1995-1997 Teaching assistant in Human Anatomy, Fordham University, Bronx, NY

OTHER PROFESSIONAL EXPERIENCE

2004- Peer reviewer for Journal of Experimental Medicine

AWARDS

2007-2008 C. H. Li Memorial Scholar Award, The Rockefeller University, New York, NY
2001-2003 Cancer Research Institute Pre-doctoral Emphasis Pathway in Tumor Immunology Program fellowship
2002 Rockefeller Traveling Fellowship, The Rockefeller University, New York, NY

PEER-REVIEWED PUBLICATIONS

1. Waskow C, **Liu K**, Darrasse-Jeze G, Ginhoux F, Merad M, Shengelia T, Yao K, Nussenzweig M. Flk2 is required for dendritic cell development in peripheral lymphoid tissues. Under consideration by Nature Immunology 2008
2. Bulloch K, Miller MM, Gal-Toth J, Milner TA, Gottfried AB, Waters EM, Kaunzner UW, **Liu K**, Lindquist R, Nussenzweig MC, Steinman RM, McEwen BS. CD11c/EYFP transgene illuminates a discrete network of dendritic cells within neonatal, adult and injured mouse brain. Journal of Comparative Neurology In press, 2008

3. **Liu K**, Waskow C, Liu X, Yao K, Hoh J, Nussenzweig M. Origin of dendritic cells in peripheral lymphoid organ in mice. Nature Immunology Jun;8(6): 578-83, 2007
4. Dudziak D, Kamphorst AO, Heidkamp GF, Buchholz VR, Trumfpheller C, Yamazaki S, Cheong C, **Liu K**, Lee HW, Park CG, Steinman RM, Nussenzweig MC. Differential antigen processing by dendritic cell subsets in vivo. Science 315(5808): 107-11, 2007
5. **Liu, K.**, Idoyaga., Charalambous A., Fujii, S., Bonito, A.J., Mordoh J., Wainstok, R., Bai, XF., Liu, Y., Steinman, R.M Innate NKT lymphocytes confer superior adaptive immunity via tumor-capturing dendritic cells. Journal of Experimental Medicine 202(11): 1507-16, 2005
6. Fujii, S., **Liu, K.**, Smith, C., Bonito, A.J., Steinman, R.M. The initiation of T cell immunity via maturing dendritic cells in vivo reflects distinct contributions of inflammatory cytokines and CD40 ligation. Journal of Experimental Medicine 199(12): 1607-18. 2004.
7. **Liu, K.**, Iyoda, T., Saternus, M., Kimura, Y., Inaba, K., and Steinman, R.M. Immune tolerance after delivery of dying cells to dendritic cells in situ. Journal of Experimental Medicine 196: 1091-1097, 2002.
8. Iyoda, T., Shimoyama, S., **Liu, K.**, Omatsu, Y., Akiyama, Y., Maeda, Y., Takahara, K. Steinman, R.M., and Inaba, K. The CD8+ dendritic cell subset selectively endocytoses dying cells in culture and in vivo. Journal of Experimental Medicine 195: 1289-1302, 2002.
9. Tamura, Y., Peng, P., **Liu, K.**, Daou, M. and Srivastava, P.K. Immunotherapy of tumors with autologous tumor-derived heat shock proteins preparations. Science 278: 117-120, 1997.

REVIEWS AND CHAPTERS

1. **Liu, K.**, Charalambous A., Steinman, R.M.,
“Chapter 4. Some biological features of dendritic cells in the mouse.”
In The Mouse In Biomedical Research, 2007
2. Steinman R.M., Bonifaz L, Fujii S, **Liu, K**, Bonnyay D, Yamazaki S, Pack M, Hawiger D, Iyoda T, Inaba K, Nussenzweig MC.
The innate functions of dendritic cells in peripheral lymphoid tissues.
Advances in experimental medicine and biology. 2005. 560:83-97.
3. Steinman, R. M., Hawiger D., **Liu K.**, Bonifaz L., Bonnyay D., Mahnke K., Iyoda T., Ravetch J., Dhodapkar M., Inaba K., Nussenzweig M.
Dendritic cell function in vivo during the steady state: a role in peripheral tolerance.
Annals of the New York Academy of Sciences, 2003. 987: p. 15-25

IN THE PRESS

1. Gravits, L
Dendritic cells are replenished from blood
Newswire, The Rockefeller University, e-published on June 12, 2007