

**NAME, Ph.D.**

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*Curriculum vitae* as February 12, 2013

**Current Position**

2012-present Postdoctoral Fellow, Fox Chase Cancer Center  
Advisor: Kerry Campbell, PhD  
Biological impacts of Elotuzumab on human natural killer cells and multiple myeloma cells

**Academic Training**

2012 Ph.D. graduate, Cell and Molecular Biology, University of Pennsylvania School of Medicine  
Advisor: Jordan Orange, MD/PhD  
2006 B.S., Biochemistry and Molecular Biology, University of Maryland, Baltimore County

**Research Experience**

2007-2012 University of Pennsylvania, fourth rotation & thesis – laboratory of Jordan Orange (Signaling and lytic granule traffic in natural killer cells)  
2007 University of Pennsylvania, third rotation – laboratory of Youhai Chen (Role of tumor suppressor PDCD4 in type II diabetes; ER stress)  
2006 University of Pennsylvania, second rotation – laboratory of Ed Pearce (Role of dendritic cells in the induction of the adaptive immune response)  
2006 University of Pennsylvania, pre-matriculation rotation – laboratory of Yair Argon (Analysis of GRP94 [ER chaperone]-deficient mice)  
2005 University of Pennsylvania, summer undergraduate research fellow – laboratory of Stefania Gallucci (Role of dendritic cells in systemic lupus erythmatosus)  
2004 Lancaster University (Lancaster, UK), summer undergraduate research fellow – laboratory of Jane Owen-Lynch (Anti-apoptotic and proliferative effects of signaling pathways in CML)  
2003 Duke University, summer undergraduate research fellow – laboratory of Motonari Kondo (Commitment of lymphocytes from stem cells)

**Research Interests**

- Fixed and live confocal microscopy, primarily in NK cells
- Quantitative analysis of fixed and live cell microscopy
- Cell biology and cell signaling in immune cells
- Role of NK cells in multiple myeloma

**Peer Reviewed Publications**

1. **NAME**, Hsu, H.T., Dongre, P., Uzel, G., Mace, E.M., Banerjee, P.P., Orange, J.S. Rapid activation receptor- or IL-2-induced lytic granule convergence in human natural killer cells requires Src, but not downstream signaling. *Blood*. 2013 Feb.
2. **NAME**, Sanborn, K.B., Holzbaur, E.L., Orange, J.S. Rapid lytic granule convergence to the MTOC in natural killer cells is dependent upon dynein but not cytolytic commitment. *Mol Biol Cell*. 2010 Jul;21(13):2241-56.
3. Pien G.C., Basner-Tschakarjan, E., Hui, D.J., **NAME**, Finn, J.D., Hasbrouck, N.C., Zhou, S., Murphy, S.L., Maus, M.V., Mingozzi, F., Orange, J.S., High, K.A. Capsid antigen presentation flags human hepatocytes for destruction after transduction by adeno-associated viral vectors. *J Clin Invest*. 2009 Jun;119(6):1688-95.

**Reviews and Book Chapters**

1. Sanborn, K.B., Rak, G.D., **NAME**, Banerjee, P.P., Orange, J.S. Analysis of the NK cell immunological synapse. In "Natural Killer cell protocols: cellular and molecular methods." *Methods Mol Biol*. 2010;612:127-48. Heidelberg, Springer. K. Campbell, (ed).

**Abstracts**

1. **NAME**, Orange, J.S. Receptor and cytokine signaling requirements for lytic granule convergence to the MTOC. 13<sup>th</sup> Meeting of the Society for Natural Immunity. 2012.
2. **NAME**, Holzbaur, E.L., Orange, J.S. Rapid dynein-dependent lytic granule coalescence to the MTOC in natural killer cells defines a novel paradigm for directed secretion. 49<sup>th</sup> Annual ASCB Meeting. 2009.
3. **NAME**, Orange, J.S. Rapid granule coalescence to the MTOC is an early step in NK cell cytotoxicity and precedes polarization to the synapse. 11<sup>th</sup> Meeting of the Society for Natural Immunity. 2007.

**Presentations**

2012	13 <sup>th</sup> Meeting for the Society for Natural Immunity ( <i>Poster</i> )
2011	15 <sup>th</sup> Annual Cell and Molecular Biology Graduate Group Symposium ( <i>Talk</i> )
2011	21 <sup>st</sup> Annual Children's Hospital of Philadelphia Research Poster Day ( <i>Poster</i> )
2011	Pennsylvania Muscle Institute 20 <sup>th</sup> Annual Retreat and Symposium ( <i>Poster</i> )
2010	14 <sup>th</sup> Annual Cell and Molecular Biology Graduate Group Symposium ( <i>Poster</i> )
2010	Pennsylvania Muscle Institute 19 <sup>th</sup> Annual Retreat and Symposium ( <i>Poster</i> )
2010	20 <sup>th</sup> Annual Children's Hospital of Philadelphia Research Poster Day ( <i>Poster</i> )
2009	American Society for Cell Biology 49 <sup>th</sup> Annual Meeting ( <i>Poster</i> )
2009	13 <sup>th</sup> Annual Cell and Molecular Biology Graduate Group Symposium ( <i>Poster</i> )
2008	11 <sup>th</sup> Meeting of the Society for Natural Immunity ( <i>Talk</i> )
2007	20 <sup>th</sup> University of Pennsylvania Immunology Graduate Group Retreat ( <i>Talk</i> )

**Professional Organizations and Societies**

The American Society for Cell Biology  
The Society for Natural Immunity

**Awards, Honors, and Membership in Honorary Societies**

2010 Stokes Institute Award, Children's Hospital of Philadelphia Research Poster Day  
2008 Travel Bursary, Society for Natural Immunity

**University Services**

- Alumni mentor for the Meyerhoff Scholarship Program at University of Maryland, Baltimore County

- Student leader for graduate admissions weekends at University of Pennsylvania
- 'Scienteering' for nonprofit organization iPRAXIS at local middle schools

**Grant Support**

2007-2010      NIAID research supplement to NIH Grant AI067946

**References**

**Dr. NAME**

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