

Leslie Donato, PhD

Department of Biochemistry
University of Wisconsin-Madison

Professional Experience

- Nov. 2006 – present: GSTP Postdoctoral Fellow, Laboratory of Aseem Ansari, Department of Biochemistry, University of Wisconsin-Madison
- Nov. 2005- 2006: Post-Doctoral Associate at Cornell University with Dr. Noa Noy
- 1999-2005: Predoctoral Student in Biochemistry Molecular and Cell Biology at Cornell University with Dr. Noa Noy, “The Retinoic And Receptors and Cellular Retinoid Acid Binding Protein II: Mediators of Mammary Carcinoma Growth Inhibition by Retinoic Acid”
- 1999-2004: Helped plan and implement Expanding Your Horizons, a yearly program to introduce over 200 middle school girls to science and math
- 1995-1999: Undergraduate Student in Biochemistry at University of Rochester. Research with Dr. Robert A Bambara and Dr. Mesut Muyan, “Fusion estrogen receptor proteins: toward the development of receptor-based agonists and antagonists”

Education

- 2005 **Ph.D.** Cornell University, Ithaca, NY
- 1999 **B.S** University of Rochester, Rochester, NY

Funding and Awards

- 2006- Genomic Sciences Training Program Postdoctoral Traineeship, University of Wisconsin-Madison
- 2003-2005: Department of Defense Pre-Doctoral Breast Cancer Research Award (\$90,000)
- 1999-2003 Department of Molecular Biology and Genetics NIH Training grant, Cornell University
- Graduate student representative for Biochemistry Molecular and Cell Biology, Cornell University, 1999-2002
- Summer 1998, Recipient of de Kiewiet Summer research fellowship, University of Rochester, 1998 (\$3,000)

Publications

- Donato LJ, Suh JH, and Noy N. Suppression of mammary carcinoma cell growth by retinoic acid: the cell cycle control gene Btg2 is a direct target for retinoic acid receptor signaling. *Cancer Res.* 67(2): 609-15, 2007.
- Donato LJ and Noy N. A fluorescence-based method for analyzing retinoic acid in biological samples. *Anal Biochem.* 357(2): 249-56, 2006.

Donato LJ and Noy N. Suppression of mammary carcinoma growth by retinoic acid: proapoptotic genes are targets for retinoic acid receptor and cellular retinoic acid-binding protein II signaling. *Cancer Res.* 65 (18): 8193-9, 2005.

Muyan M., Yi P., Sathya G., Willmert L.J.*, Driscoll MD., Hilf R., Bambara RA. Fusion estrogen receptor proteins: toward the development of receptor-based agonists and antagonists. *Mol. Cell. Endo.* 182:249-263, 2001. * note- maiden name

Teaching Experience:

Teaching assistant for Principles of Biochemistry: Proteins and Metabolism (331)

Teaching assistant for Principles of Biochemistry: Molecular Biology (332)