

# **CURRICULUM VITAE**

**Amy Jo Casbon**

## **EDUCATION**

Undergraduate: University of Southern California, Bachelor of Science, 1997  
Graduate: University of Southern California, Master of Science, 2001  
Indiana University, Ph.D., 2009

## **PROFESSIONAL ORGANIZATIONS**

2006 Society of Leukocyte Biology  
2008-2009 American Association of Immunologists  
2008-2009 Society of Leukocyte Biology

## **ACADEMIC ORGANIZATIONS**

2006-2008 Graduate Student Representative, Faculty Community Relations  
Committee  
2008 Medical Student Interest Group  
2008 Underrepresented Profession Graduate Student Organization

## **HONORS AND AWARDS**

2005 Best Student Presenter, Research in Progress (Microbiology and  
Immunology Department, Indiana University School of Medicine)  
2007 2<sup>nd</sup> Place Student Platform Presentation, Indiana Microscopy  
Society Joint Spring Meeting  
2008 Travel Award, Society of Leukocyte Biology Annual Meeting  
2008 Abstract selected for oral presentation, Society of Leukocyte  
Biology Annual Meeting

## **TEACHING ASSIGNMENTS**

2006 Teaching Assistant & Laboratory Instructor, Microbiology J210,  
Indiana University

## **PUBLIC SERVICE**

2001 Judge, Bravo Medical Magnet School Science Fair, Los Angeles,  
CA  
2007 Careers in the medical field, panel speaker, Indiana Academy,  
Muncie IN

2007, 2008 IU Research saves lives, Indiana State Fair, IN  
2008 Speaker, Crispus Attucks Medical Magnet School, Indianapolis IN

### **ELECTED UNIVERSITY SERVICE**

2006-2008 Graduate Student Member, Faculty Community Relations  
Committee

### **TRAINING SUPPORT**

2005-2009 T32 DK007519, Regulation of Hematopoietic Cell Production

### **PUBLICATIONS**

#### **Original articles:**

**Casbon, A. J.**, D. W. Warren, and A. K. Mircheff. 2002. Prolactin inhibits carbachol dependent secretion by lacrimal acinar cells in vitro. *Adv Exp Med Biol* 506:231-235.

Zhu, Y., C. C. Marchal, **A. J. Casbon**, N. Stull, K. von Lohneysen, U. G. Knaus, A. J. Jesaitis, S. McCormick, W. M. Nauseef, and M. C. Dinanuer. 2006. Deletion mutagenesis of p22phox subunit of flavocytochrome b558: identification of regions critical for gp91phox maturation and NADPH oxidase activity. *J Biol Chem* 281:30336-30346.

**Casbon, A. J.**, L. A. Allen, K. W. Dunn, and M. C. Dinanuer. 2009. Macrophage NADPH oxidase flavocytochrome B localizes to the plasma membrane and Rab11-positive recycling endosomes. *J Immunol* 182:2325-2339. This publication was highlighted "In This Issue" of the *Journal of Immunology*.

**Casbon A.J.**, L.A. Allen, and M.C. Dinanuer. 2009. Distinct localization of NADPH oxidase flavocytochrome b in resting and IFN $\gamma$ -activated macrophages. (to be submitted)

#### **Abstracts:**

**Casbon AJ**, Warren DW, Mircheff AK. 2000. Prolactin suppresses carbachol-dependent secretion by lacrimal acinar cells in vitro. *Cornea*. 19(6) Supplement 2:S79.

**Casbon AJ**, von Bulow G. 2004. Expression of the BAFF receptors TACI, BCMA, and BAFF-R in mouse B cell subsets. *Walther Oncology Retreat*.

**Casbon AJ**, Allen LA, Dinauer MC. 2006. Trafficking Of NADPH Oxidase Flavocytochrome *b*<sub>558</sub> Using CFP/YFP Chimeras. *Society for Leukocyte Biology Annual Meeting*.

**Casbon AJ**, Allen LA, Dinauer MC. 2007. Fluorescent tagged chimeras reveal heterodimer formation (and not individual subunits) of Cytochrome *b* regulates trafficking to the plasma membrane and the recycling endosome. *Indiana Microscopy Society (INMS) Joint Spring Meeting*.

**Casbon AJ**, Allen LA, Dinauer MC. 2007. Trafficking of NADPH Oxidase Cytochrome *b* Using Functional CFP/YFP Chimeras and Immunofluorescence. *Gordon Research Conference: Phagocytes*.

**Casbon AJ**, Dunn KW, Allen LA, Dinauer MC. 2008. NADPH oxidase flavocytochrome *b* localizes to Rab11-positive recycling endosomes in macrophages. *The FASEB Journal*. 22;lb552.

**Casbon AJ**, Dunn KW, Allen LA, Dinauer MC. 2008. NADPH oxidase flavocytochrome *b* in resting and interferon gamma activated macrophages. *Journal of Leukocyte Biology Supplement*: 133a.

#### **ADDITIONAL CONFERENCES ATTENDED**

Experimental Biology 2004 (AAI)

- April 17-21, 2004; Washington, DC

Biocomplexity 7 Workshop

- May 9-11, 2005; Bloomington (IU), IN

Gordon Research Conference -- Phagocytes

- June 12-17, 2005; Connecticut College, New London, CT

13<sup>th</sup> Annual Midwest Microbial Pathogenesis Conference

- October 20-22, 2006; Cincinnati, OH

14<sup>th</sup> Annual Midwest Microbial Pathogenesis Conference

- September 28-30, 2007; Northwestern University, Chicago, IL