

## PhDBIOGRAPHICAL SKETCH, February 2010

### NAME

**CUMMINGS Jean-Saville, PhD**

### POSITION TITLE

**Post-Doctoral Fellow in the Unit of "Regulation of Retroviral infections", Virology Department, Institut Pasteur, France**



### EDUCATION/TRAINING

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Institute of Human Virology, Baltimore, MD, USA	PostDoc	2008	Immunology
University of Maryland School of Medicine, Baltimore, MD, USA	PhD	2008	Immunology
Morgan State University, Baltimore, MD, USA	Baccalaureate of Science	2002	Biology

### A. POSITIONS AND HONORS

#### Positions and Employment

2009-Present	Post-Doctoral Fellowship, Unit of Regulation of Retroviral infections, Virology Department, Institut Pasteur, Paris, France
2008-2008	Post-Doctoral Fellowship, University of Maryland School of Medicine, Institute of Human Virology, Baltimore, Maryland, USA
2003-2008	PhD Student and Graduate Research Assistant, University of Maryland School of Medicine, Institute of Human Virology, Baltimore, Maryland, USA
1998-2002	Undergraduate Student and Fellow, Department of Biology, Morgan State University, Baltimore, Maryland, USA

#### Other Experience and Professional Memberships

2000-2000	Systems Ecologist Student Intern, United States Environmental Protection Agency, National Health and Environmental Effects Laboratory -- Atlantic Ecology Division (NHEERL- AED), Narragansett Rhode Island
1999-2002	Tutor, Academic Development Centre, Morgan State University, Baltimore Maryland

### B. FIVE SELECTED PEER-REVIEWED PUBLICATIONS

1. RIEDEL DJ, SAJADI MM, ARMSTRONG CL, **CUMMINGS JS**, CAIRO C, REDFIELD RR, PAUZA CD. Natural viral suppressors of HIV-1 have a unique capacity to maintain gamma delta T cells.  
*AIDS*. 2009 Sep 24; 23(15): 1955-64
2. HEBBELER AM, PROPP N, CAIRO C, LI H, **CUMMINGS JS**, JACOBSON LP, MARGOLICK JB, PAUZA CD. Failure to restore the Vgamma2-Jgamma1.2 repertoire in HIV-infected men receiving highly active antiretroviral therapy (HAART).  
*Clinical Immunology*. 2008 Sep; 128 (3):349-57
3. ALEXANDER AA, MANIAR A, **CUMMINGS JS**, HEBBELER AM, SCHULZE DH, GASTMAN BR, PAUZA CD, STROME SE, CHAPOVAL AI. Isopentenyl pyrophosphate-activated CD56+ {gamma}{delta} T lymphocytes display potent antitumor activity toward human squamous cell carcinoma.  
*Clinical Cancer Research*. 2008 Jul 1; 14 (13):4232-40.

4. **CUMMINGS JS**, CAIRO C, ARMSTRONG C, DAVIS CE, PAUZA CD. Impacts of HIV infection on Vgamma2Vdelta2 T cell phenotype and function: a mechanism for reduced tumor immunity in AIDS.  
*Journal of Leukocyte Biology*. 2008 Aug;84 (2):371-9.
5. HEBBELER AM, CAIRO C, **CUMMINGS JS**, PAUZA CD. Individual Vgamma2-Jgamma1.2+ T cells respond to both isopentenyl pyrophosphate and Daudi cell stimulation: generating tumor effectors with low molecular weight phosphoantigens.  
*Cancer Immunology Immunotherapy*. 2007 Jun;56 (6):819-29.