

# Jason M. Winget

## Curriculum Vitae

January 2012

Address: Centre for High Throughput Biology  
University of British Columbia  
338-2125 East Mall  
Vancouver, B.C.  
V6T 1Z4 CANADA  
Phone: (604)822-5259  
Email: jwinget@mail.ubc.ca  
WWW: jasonwinget.net

### Education & Training

2002	B.S.	Florida State University
2009	Ph.D	University of Delaware
2009 - Present	Postdoctoral Fellow	University of British Columbia

### Experience

2004 AstraZeneca Pharmaceuticals Summer internship, computational modeling of GPCRs

### Technical Skills

Programming	Python, R
Web	Python (Flask), MongoDB, SQL, CSS, jquery
Scientific Packages	MSQuant, Modeller, CNS, PyMol, VMD, Biopython

## Publications

### Refereed research papers

1. Winget, J. M., Y. H. Pan, and B. J. Bahnson (2006). The interfacial binding surface of phospholipase A2s. *Biochim. Biophys. Acta* **1761**, 1260–1269.
2. Gies, E., I. Wilde, J. M. Winget, M. Brack, B. Rotblat, C. A. Novoa, A. D. Balgi, P. H. Sorensen, M. Roberge, and T. Mayor (2010). Niclosamide prevents the formation of large ubiquitin-containing aggregates caused by proteasome inhibition. *PLoS ONE* **5**, e14410.
3. Winget, J. M. and T. Mayor (2010). The diversity of ubiquitin recognition: hot spots and varied specificity. *Mol. Cell* **38**, 627–635.
4. Thevenin, A. F., E. S. Monillas, J. M. Winget, K. Czymmek, and B. J. Bahnson (2011). Trafficking of platelet-activating factor acetylhydrolase type II in response to oxidative stress. *Biochemistry* **50**, 8417–8426.
5. Wilde, I. B., M. Brack, J. M. Winget, and T. Mayor (2011). Proteomic characterization of aggregating proteins after the inhibition of the ubiquitin proteasome system. *J. Proteome Res.* **10**, 1062–1072.

### PhD thesis

1. Winget, J. M. (2009). *in vitro* investigations into the structures of membrane-associated proteins augmented by the application of computational methods.

### Conference posters

1. Winget, J., A. Barker, and C. Robinson (2003). Quantitative analysis of GPCR homology models. *CHI "GPCR, from Orphan to Blockbuster"*.
2. Winget, J., A. Barker, and C. Robinson (2004). Initial steps towards generating a soluble GPCR ligand-binding analog via modelling and mutagenesis. *Biophysical Society*.
3. Winget, J., A. van Fossen, C. Robinson, and A. Robinson (2006). Differential Activation of the unfolded protein response in *Saccharomyces cerevisiae* during heterologous expression of G protein-coupled receptors. *Experimental Biology*.
4. Winget, J. and T. Mayor (2012). UCHL1 activity influences aggregation of K63-linked chains following proteasome inhibition. *Proteomics of Protein Degradation & Ubiquitin Pathways (PPDUP)*.