

**Andrew R. Crowley**  
8000 Cummings Hall, Room C120, Hanover, NH 03755  
andrew.r.crowley.gr@dartmouth.edu

<b>Education</b>	<b>Dartmouth College</b> Pre-doctoral candidate	Hanover, NH Aug, 2014 – present
	<b>College of the Holy Cross</b> B.A. in Biology and Russian Graduated <i>cum laude</i>	Worcester, MA Sept, 2007 – May, 2011
<b>Research Experience</b>	<b>University of Massachusetts Medical School, MassBiologics</b> Product Discovery, Research Associate I Discovery and characterization of monoclonal antibodies against bacterial toxins	Boston, MA Sept, 2011 – July, 2014
	<b>National Science Foundation, The Polaris Project</b> Undergraduate Researcher Study of dissolved organic carbon lability in Siberia's Kolyma River watershed	Sakha Republic, Russian July, 2010
<b>Honors and Scholarships</b>	<b>Dobro Slovo Honor Society</b> Molecular and Cellular Biology award	
<b>Presentations</b>	Sobczak, W. V. and <b>Crowley, A.</b> "Dissolved Organic Matter (DOM) Bioavailability among Aquatic Ecosystems in Russia's Kolyma River Watershed during Summer Baseflow" American Geophysical Union, fall meeting, San Francisco, California. 2010 (poster)	
	Robbins, M. L., <b>Crowley, A.</b> , W. V. Sobczak, R. M. Holmes. "Determining the Impact of Temporal and Spatial Conditions on Dissolved Organic Decomposition in the Kolyma River Watershed" American Geophysical Union, fall meeting, San Francisco, California. 2010 (poster)	
	<b>Crowley, A.</b> , Emery, C., Martens, G. W., Proulx, M. K., Goguen, J. D., Sassetti, C. M., & Souders, C. A. "Therapeutic Monoclonal Antibodies to Prevent Tuberculosis Infection" UMass Clinical and Translational Science Research Retreat, Worcester, MA, May 2014 (poster)	
	Nelson, S., <b>Crowley, A.</b> , Thomas Jr, W. D., & Souders, C. A. "Isolation of Human Antigen-Specific Antibodies from Memory B-Cells Nearly Two Years Post Vaccination" UMass Clinical and Translational Science Research Retreat, Worcester, MA, May 2014 (poster)	
<b>Publications</b>	Souders, C. A., Nelson, S. C., Wang, Y., <b>Crowley, A. R.</b> , Klempner, M. S., & Thomas Jr, W. "A novel in vitro assay to predict neonatal Fc receptor-mediated human IgG half-life" <i>mAbs</i> . Epub 2015 May 27.	