

CURRICULUM VITAE

Danielle L. Taylor

Education

- MSc. Institute of Medical Science, University of Toronto, Centre for Addiction and Mental Health, Toronto (2011-).
- BSc. in Biology (Honours), Dept. of Chemistry and Biology, Ryerson University, Toronto (2007 – 2011).

Employment History

- September 2009 – March 2010: Research Assistant in the laboratory of Dr. R. Botelho, Ryerson University, Toronto, Canada.

Scholarships and Academic Awards (all funds are in \$CAD)

- Institute of Medical Science Entrance Award, University of Toronto: Sept. 2011; \$5000
- School of Graduate Studies Conference Grant, University of Toronto: Oct. 2011; \$300
- Undergraduate Student Research Award (NSERC), Ryerson University: May-Aug. 2011; \$4500 + organization contribution
- Dean's List Award, Ryerson University: 2007-2011

Research Experience

- September 2010 – April 2011: Completed a 4th year thesis in the laboratory of Dr. R. Botelho, Ryerson University, Toronto, Canada.
Description: Constructed a series of FLAG fusion proteins to elucidate a possible small GTPase binding partner to regulate Fab1 function and PI(3)P production in yeast.
- September 2009 – March 2010: Obtained a Research Assistant position in the laboratory of Dr. R. Botelho at Ryerson University, Toronto, Canada.
Description: Aided 4th year thesis student in the construction of a series of Fig4 truncation mutants to elucidate the Vac14-Fig4 interaction domain.
- May 2008 – August 2008: Volunteered in the laboratory of Dr. R. Botelho at Ryerson University, Toronto, Canada.
Description: Contributed to the construction of a series of Vac14 truncation mutants to characterize the Vac14 multimer in yeast.

Laboratory Skills

- Molecular Biology techniques: Primer design, PCR, SNP Genotyping using TaqMan assays, DNA cloning
- Biochemistry techniques: Agarose gel electrophoresis, SDS-PAGE, Western blot, Immunoprecipitation assays.

Academic Associations, Scholarly and Professional Activities

- Vice-president of Academic and Internal Affairs, Biology Course Union, Ryerson University, 2010-2011.

Extracurricular, Additional Experience

- 2011-Present Volleyball Coordinator for CAMH Schizophrenia patients
- 2011 Peer Reviewer for Psychiatry Research
- 2011 Ryerson Day: Presented macrophages phagocytosing opsonized red blood cells to High school students interested in attending Ryerson University.
- 2010 Science Rendezvous at Ryerson University: Presented Drosophila mutants (White eyes, temperature induced neurological impairments, curly wings) to children and adults of the general public.
- 2009 – 2011 Science Tutor
- 2008 – 2011 Ryerson Co-ed Volleyball