

Ishani Shah

Education

McGill University

Start Date: September 2016

Candidate for MSc Applied Biotechnology

University of Toronto

2011-2016

Honour's Bachelor of Science, Specialist: Molecular Biology.

Experience

Research Trainee, Donnelly Centre for Cellular and Biomolecular Research

Amplified gene fragments via PCR, restriction digests and cloning experiments.
Performed miniprep, maxiprep and DNA purification protocols.
Performed transformation in E. coli and transfection in HEK293 cells.

Research Assistant, University of Toronto

Maintained over 200 D. melanogaster cell lines.
Prepared different fly food recipes to maintain fly stocks.

Undergraduate Research Project, University of Toronto

Gained proficiency on the UCSC Genome Browser.
Conducted PCR, restriction digest and cloning experiments in E. coli cells.
Performed preliminary experiments on embryonic D. melanogaster cell lines: Kc167 and S2 cells.

Leadership/Engagement

President of Biotechnology Graduate Student Society 2017

Leading and representing current biotechnology cohort at staff meetings and at McGill Graduate Student Society.
Organizing a biotechnology conference with an executive team.

Let's Talk Science Volunteer, University of Toronto

Volunteered at high school, libraries and community events to deliver hands-on science related activities to children and youth.