

**TITLE:** Scientist, Gene Therapy | Scientist, Drug Discovery

**LOCATION:** Canada

**RELOCATE:**  Yes  No  Possibly



## EXECUTIVE CANDIDATE PROFILE

*Highly adaptable, self-driven neuroscientist with a record of thriving under pressure and commitment for life-long learning. Delivers dependable results through strategic planning, attention to detail, and skillful execution.*

*Expert in genetic engineering, experienced in drug discovery, and versatile in the ability to amass knowledge efficiently. Aims to advance scientific objectives and goals competitively by spearheading technological innovations.*

*Well-rounded ballroom Latin dancer with entrepreneurial vision, keen eye to risk detection and minimization, and incisive problem-solving skills to meet the changing priorities of the fast-paced biotech industry.*

## Recognition / Achievements

- *High return on investment: led the design, implementation, and validation of 12 gene editing projects and 3 complex CRISPR/Cas9-based platforms in the last 6 years from the ground up. All 3 platforms succeeded on the first attempt.*
- *Goal-directed team leadership: spearheaded the development of functional genomic capabilities, including CRISPR-based genome-wide KO screens, at the workplace.*
- *Self-sufficient and independent: successfully built the first knock-in genetic model in 3 months to accelerate progress, from never having heard of CRISPR at all.*
- *Experienced in the pipeline of target/drug discovery: empowered validation of 3 protein targets and 1 anti-prion lead compound from thorough analysis of 3 multiplex mass spectrometry-based interactome datasets, aiding the procurement of \$500,000 in grants.*
- *Cost management: optimized iTRAQ protein mass spectrometry labelling protocol, resulting in cost-savings of up to \$1000/run.*
- *Clear communication: liaison between chemists and algorithm developers to advance drug optimization.*
- *Collegial charisma and mentorship: secured 11 cross-functional collaborations, trained 12 juniors, and delivered 10 conference presentations.*
- *Strong productive output: published 8 papers in total, 3 lead author/editor role; 6 awards and 2 national nominations totaling \$167,180.*
- *Fostering positive community engagement: founded the first ballroom Latin dance club at my alma mater; expanded it to >150 people.*
- *Entrepreneurial mindset with attentive relationship-building skills: started one of the highest ranked personal tutoring companies in Toronto, earning 100% 5-star ratings.*
- *Advocacy for neurodegenerative diseases: long-term volunteer for the past 10 years, driven by a passion to better patient lives.*
- *Effective time and project management of multiple responsibilities: organizing 3 projects, 3 juniors, a dance club, and a private tutoring company on a daily basis.*

## Education / Designations

- *PhD, University of Toronto.*