

Posting RESEARCH ASSISTANT

Position Title:	Full-time Research Assistant
Hiring Unit:	Department of Biochemistry, McGill University
Supervisor:	Dr. Sidong Huang
Work Location:	3655 promenade Sir-William-Osler, Montreal, Quebec, H3G 1Y6
Hours/Week & Schedule:	35 hours/week
Hourly Wage:	\$28.15
Planned Start Date & End Date:	March 9, 2020 – March 8, 2021
Date of Posting: (post for 5 working days minimum)	February 10, 2020
Deadline to Apply:	February 28, 2020

PRIMARY DUTIES

The research assistant will use functional genetic and biochemical tools to study signaling pathways that regulate drug responses to cancer therapeutics and to identify novel drug targets.

Primary Responsibilities:

- Performing and analyzing functional genetic screens (shRNA, cDNA, CRISPR)
- Assisting with Clone Service; Generating and isolating DNA constructs
- Conducting *in vitro* experiments using diverse cancer cell lines
 - Retroviral, lentiviral transduction
 - Cell proliferation/drug response assays,
 - Western Blots, IP, IF, qRT-PCR & other Molecular Biology/Biochemistry assays
- Assisting *in vivo* animal experiments
- Taking care of other routine lab tasks

EDUCATION/EXPERIENCE

For Research Assistant – minimum requirement: Master's Degree

- MSc degree in Molecular Biology, Biology, Biochemistry or related field
- Previous research experience in above disciplines or related field
- Solid experience in cell tissue culture and molecular biology
- Knowledge of command line, data processing and statistical analysis

OTHER QUALIFYING SKILLS & ABILITIES

- Publications in reputable peer-reviewed journals
- Self-motivated and excellent team player
- Experience in FACS, screening and animal handling is a plus
- Excellent written and communication skills in English

HOW TO APPLY

Please submit your application to:

Please send your cover letter, CV and contact information for two referees by email to Sidong Huang at sidong.huang@McGill.ca. We thank all applicants. **Only selected candidates will be contacted.**

McGill University is committed to equity in employment and diversity. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities, and others who may contribute to further diversification.