



Intern – Protein Science

Northern Biologics is an antibody discovery company located in the heart of downtown Toronto at the MaRS discovery district. Our mission is to develop therapeutic antibodies for the treatment of cancer and fibrosis. We are seeking a highly motivated intern with strong bench science skills and ability to perform protein expression, purification and analytical and biophysical experiments. He/she will be working in the antibody discovery and development group, with focus on protein expression, purification and protein analytical chemistry.

Specific responsibilities include:

- Mammalian protein (mostly antibody) expression, including DNA preparation, transfection, purification.
- Therapeutic antibody characterization using various UPLC and HPLC techniques, such as ion exchange (IEX), size exclusion (SEC) and reverse phase (RP) for charge variants analysis
- Analysis of size and charge variants by capillary electrophoresis sodium dodecyl sulfate (CE-SDS) and capillary isoelectric focusing (CIEF)
- Maintain documentation of all work in laboratory notebooks
- Write and review formal reports, including method protocols, reports, and other technical documents

Job Requirements:

- M.S. or B.S. in Chemistry or Biochemistry
- Attention to detail and multitasking is required
- Proven track record and understanding of protein expression and purification
- Proven track record and understanding of general separation science principles
- Ability to succeed in a biotech/entrepreneurial drug-discovery environment
- Excellent oral and written communication skills

Candidates wishing to apply should send their CV/cover letter to yjmeian@northernbiologics.com