

Job Posting: LAB TECHNICIAN

ViroGin Biotech Canada Ltd.

About Virogin

ViroGin Biotech is a fast growing company specializing in the research and development of novel replication-competent oncolytic herpes simplex viruses, which will be capable of targeting cancers efficiently and selectively.

Description

The main purpose of this position is to assist in all tasks associated with the production and validation of oncolytic viral vectors and master these tasks as outlined in the Demonstrated Skills-Based Training System.

Major responsibilities:

To assist in all areas in the production and validation of oncolytic viral vectors, which may include, but are not limited to:

- Performs all processes in accordance with Standard Operating Procedures.
- Utilizes molecular biology and immunology techniques at all times.
- Demonstrates active knowledge of molecular cloning and cell culture.
- Communicates any occurrences to team leader and/or supervisor immediately.
- Is responsible for keeping the lab area clean at all times.
- Completes Individual monthly responsibilities which are assigned in each lab. Individual must ensure these activities are completed accurately and in a timely manner.
- Works cooperatively with trainer and other technicians.
- Maintains accurate and timely records.
- Actively promotes safety and awareness in the lab, always acting in occurrence with safety practices.

Qualifications

- BSc degree with one year of relevant experiences
- Individual must be fully trained in a timely manner on molecular biology and immunology techniques and general lab procedures.
- Must be a team player.
- Must be flexible with availability.
- Ability to think ahead to next task.
- Can work well under time restraints.
- This position may require weekend work. Regular attendance is a must.
- Self-motivated.

How to Apply

Contact Info:

Tel: 604-720-8981 Mike Teng

Email: miketeng@virogin.com

Application period: July 22nd to August 10th

Source of Job Posting:

ViroGin Biotech Canada Ltd. "Lab Technician." *LifeSciences British Columbia*. n.p. 22 Jul. 2016.
Web. 1 Aug. 2016 <www.lifesciencesbc.ca/job/lab-technician>.

OBJECTIVE

Seeking a lab technician position to contribute superior project and lab management skills in a reputable organization by bringing exceptional knowledge of conducting literature reviews, collecting and analyzing data and performing technical lab duties, with the eventual goal of leading a research project.

TECHNICAL SKILLS

| <u>BIOLOGY</u> | <u>BIOCHEMISTRY & BIOTECHNOLOGY</u> | <u>CHEMISTRY</u> | <u>OTHERS</u> |
|---|--|--|--|
| <ul style="list-style-type: none">▪ Dissection skills▪ pH measurement▪ Species identification▪ Microscope work▪ Column chromatography▪ Making LB agar plates | <ul style="list-style-type: none">▪ Bacterial growth▪ DNA amplification▪ SDS-PAGE analysis▪ Western blot analysis▪ Bacterial transformations▪ Protein expression & purification▪ Buffer preparation▪ Micropipetting | <ul style="list-style-type: none">▪ Distillation▪ Extraction & purification▪ Recrystallization▪ Titration▪ Thin layer chromatography▪ Gravimetric analysis▪ Melting point analysis | <ul style="list-style-type: none">▪ Fluency in Cantonese and Mandarin▪ WHMIS▪ MS Word▪ MS Excel |

TECHNICAL PROJECTS**Purification of Various Recombinant Proteins**

- Conducted numerous experiments to yield highly concentrated, soluble, monomeric proteins
- Quantified and analyzed the quality of the proteins with methods such as SDS-PAGE and western blot analysis before sending them off to collaborators
- Kept detailed observations and all experimental data and results in company's database

Effects of Cold Stress and Oleic Acid Supplementation on mutated ER membrane protein *MGA2*

- Composed an experiment to gather insight on the role of the unsaturated fatty acid's effect on the overall growth of the protein under cold stress
- Quantitatively measured the amount of unsaturated fatty acid present in cell membrane using fluorescent microscope and ImageJ program; Qualitatively evaluated the amount of growth present in sample treatments by observing colony formations of streaked cultures

EDUCATION**University of British Columbia**

Bachelor of Science

4th year majoring in Biology

GPA: 3.7/4.0

Expected Graduation: May 2017

WORK EXPERIENCE

Orthopaedics Research Department (Providence Health Care)

May 2016 – Present

Co-op Clinical Research Assistant (full time)

Manager: Biraj Bora

- Managed the largest orthopaedics study at the research office, consisting of over 800 subjects
- Interacted with patients and surgeons for research purposes
- Generated data analysis reports using the Microsoft Access database and Microsoft Excel
- Collaborated with web developers to build a web version of the database

iProgen Biotech Inc.

January 2015 – August 2015

Co-op Lab Research Assistant (full time)

Manager: Ken Lee

- Worked independently and as a team to ensure successful progression of experimental work
- Performed various lab tasks such as column purification, running SDS-PAGE gels, and making buffers
- Documented detailed observations and results of the experiment onto computer database
- Assisted in the training and guidance of new employees within the protein purification department
- Consistently maintained a clean and tidy work environment for smooth operation of laboratory work

Takeya Sushi Japanese Deli

December 2010 – January 2015

Hostess/Waitress (~5 hours/week)

Manager: Hiroshi Takeuchi

- Selected by managers to be responsible for the operation of the cash register and to keep track of daily sales
- Provided consistent service to an endless number of customers in person and through the phone
- Worked collaboratively as a team to deliver quality foods to trusted customers
- Ensured customer satisfaction by regularly asking for feedback

VOLUNTEER EXPERIENCE

Minoru Residence

October 2014 – Present

Volunteer Recreation Assistant

Coordinator: Darla Lee (~3 hours/week)

- Coordinated with recreational therapists in the organization and delivery of leisure activities to seniors
- Provided company and comfort to disabled seniors by listening attentively and conversing with them

Ackroyd Pharmacy

November 2011 – March 2013

Volunteer Pharmacy Assistant (~4 hours/week)

Manager: Wilson Li

- Prepared, packaged, and labelled prescription medications in a solid, timely manner
- Organized prescriptions and inventory records in the computer database
- Trusted with keeping track of private patient information and medical records

References available upon request.

2329 West Mall
Vancouver, BC V6T 1Z4
August 1, 2016

Mike Teng, CEO
Virogin Biotech
408 – 3800 Wesbrook Mall
Vancouver, BC V6S 2L9

Dear Mr. Teng:

As a fourth year UBC Biology student, I am thrilled to come across your lab technician position posted on LifeSciences BC. I am both excited for the opportunity to learn advanced molecular cloning techniques, and captivated by the idea of being part of a group that contributes to cancer therapy using common viruses. In addition to my urge to make an impact in the scientific community, I believe that I have a suitable set of skills and attitude that will benefit the research group as a long-term lab technician.

Through my previous research assistant position at iProgen Biotech Inc., I have developed a perfectionist attitude through strict protocols that I had to follow. As a self-motivated learner, I was able to instantly adapt to the foreign work environment and quickly become proficient with new techniques. I would mostly conduct independent experiments using molecular biology and immunology techniques such as western blotting, SDS-PAGE analysis, and column chromatography. Because I was in charge of several experiments at once, I made an extra effort to plan out all my tasks so that I did not miss any deadlines. I also documented excellent lab records so that I could backtrack on different experiments in the future if any results seemed peculiar.

Through my previous work experiences and active volunteer participation, I have gained strong communication skills from interacting with a wide range of people. As a volunteer pharmacy assistant, I have learned to deliver messages in a clear, concise manner when contacting patients by phone and consulting with medical professionals regarding patient prescriptions. In addition, working with people from various work settings has allowed me to improve my interpersonal skills, which is especially beneficial for jobs that require teamwork and people interaction.

An enthusiastic, easy-going attitude is what I will be bringing to the research group, along with my data organization and interpersonal communication skills. I am willing to relocate and undergo further training if necessary. You may reach me by phone at **778-000-0000** or email at **joanne.h@live.ca**. Thank you for your time and consideration, I look forward to the opportunity to further discuss my qualifications with you.

Sincerely yours,

Joanne Ho

Joanne Ho
Encl: Résumé

2329 West Mall
Vancouver, BC V6T 1Z4
August 1, 2016

Biraj Bora, Research Coordinator
Providence Healthcare
1081 Burrard Street
Vancouver, BC V6Z 1Y6

Dear Mr.Bora:

I hope you and Sachin are doing well. My graduation day draws near as I approach my last year of university. I have been seeking possible career paths to follow, and have come across an opening for a lab technician position at Virogin Biotech, an industrial biotechnology company that specializes in using viruses to target cancer cells. I am writing to ask if you would kindly be my supportive reference for my job application. As you are most familiar with my work as a clinical research assistant at the Orthopaedics department, I was hoping you would be willing to share with others your experiences having me as part of the team by writing a reference letter.

As you may recall, I was in charge of managing the Canadian Orthopaedic Foot and Ankle Society (COFAS) and Zimmer™ study during my time at the office. My positive experiences managing these studies have taught me a lot about the research process and have led me to want to pursue a career in research.

I have enclosed a copy of my résumé for your reference. Thank you for considering my request for a reference letter. If you would like further information, please feel welcome to contact me at **778-000-0000** or **joanne.h@live.ca**.

Sincerely yours,

Joanne Ho

Joanne Ho
Encl: Résumé

2329 West Mall
Vancouver, BC V6T 1Z4
August 1, 2016

Ranjani Vaidyanathan, Project Lead
iProgen Biotech Ltd.
126 - 11782 River Road
Richmond, BC V6X 1Z7

Dear Ms. Vaidyanathan:

I hope you are doing well. How has iProgen been since I returned to school? My graduation day draws near as I approach my last year of university. I have been seeking possible career paths to follow, and have come across an opening for a lab technician position at Virogin Biotech, an industrial biotechnology company that specializes in using viruses to target cancer cells. I am writing to ask if you would kindly be my supportive reference for my job application. As you are most familiar with my technical lab skills and work ethics as a lab research assistant at iProgen, I was hoping you would be willing to share with others your experiences having me as part of the team by writing a reference letter.

As you may recall, I was working alongside you in the protein purification department for eight months last year. Being the only lab assistant during my first few months there, you translated much of your technical knowledge to me. My positive experiences working in the lab have taught me a lot about the research process and have led me to want to pursue a career in research.

I have enclosed a copy of my résumé for your reference. Thank you for considering my request for a reference letter. If you would like further information, please feel welcome to contact me at **778-000-0000** or **joanne.h@live.ca**.

Sincerely yours,

Joanne Ho

Joanne Ho
Encl: Résumé

2329 West Mall
Vancouver, BC V6T 1Z4
August 1, 2016

Darla Lee, Volunteer Coordinator
Minoru Residence
6111 Minoru Blvd
Richmond, BC V6Y 1Y4

Dear Mrs. Lee:

I hope you and your family are doing well. My graduation day draws near as I approach my last year of university. I have been seeking possible career paths to follow, and have come across an opening for a lab technician position at Virogin Biotech, an industrial biotechnology company that specializes in using viruses to target cancer cells. I am writing to ask if you would kindly be my supportive reference for my job application. As you are most familiar with my involvement in the community as a volunteer, I was hoping you would be willing to share with others my contribution to Minoru Residence.

As you may recall, I have been an ongoing volunteer at the senior care facility since late 2014. I have been involved in several programs, including the Breakfast Club, physical therapy, and recreation therapy. My positive experiences working with the various staff members and senior residences have taught me a lot about interacting with different types of people and handling situations responsibly. Through my volunteer position, I have vastly improved my interpersonal skills.

I have enclosed a copy of my résumé for your reference. Thank you for considering my request for a reference letter. If you would like further information, please feel welcome to contact me at **778-000-0000** or **joanne.h@live.ca**.

Sincerely yours,

Joanne Ho

Joanne Ho
Encl: Résumé