

JOB POSTING INFORMATION	
Placement Term:	2023 - Summer
Job Title:	S23 Formulation Screening Associate (Co-op)
Position Type:	Co-op Position
Job Location:	Vancouver, BC
Country:	Canada
Duration:	4 or 8 months
Job Description:	<p>Located on the University of British Columbia campus, NanoVation is focused on design and testing of novel lipid nanoparticle (LNP) formulations for the delivery of nucleic acids. LNP technology plays an essential role in the COVID-19 mRNA vaccines and is the enabling technology in the FDA-approved formulation Onpattro. While this technology has been optimised for delivery to the cells within the liver, other tissues are poorly targeted. NanoVation has developed new technology to overcome this limitation. Responsibilities include but not limited to the following:</p> <ul style="list-style-type: none"> •Assist in the formulation, concentration, and characterisation of lipid nanoparticles •Cell culture media preparation •Assist in LNP transfection in human primary and secondary cell cultures, protein extraction and sample analyses using bioluminescence and fluorescence assays •Cell passaging, freezing, banking, and documentation •Compile data to be used for the preparation of reports and meeting presentations •Maintenance of tissue culture room, ordering lab supplies, replacing lab inventories, making chemical stock solutions, and the like.
	<p>A background in biochemistry, biology, chemistry and/or related life sciences discipline preferred.</p> <p>Strong analytical, problem solving and communication skills Ability to learn quickly and work independently with minimal direct supervision Candidate must be available to work full-time (40 hours/week) during the co-op term</p> <p>Requires training for chemical and biological safety prior to start Chemical Safety - Research Safety (ubc.ca), Biosafety for Study Team Members - Research Safety (ubc.ca); will be provided.</p>
Job Requirements:	<p>A background in biochemistry, biology, chemistry and/or related life sciences discipline preferred.</p> <p>Strong analytical, problem solving and communication skills Ability to learn quickly and work independently with minimal direct supervision Candidate must be available to work full-time (40 hours/week) during the co-op term</p>

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Citizenship Requirement:	N/A
Targeted Co-op Programs:	View Targeted Programs

APPLICATION INFORMATION	
Application Deadline:	April 30, 2023 09:00 AM
Application Procedure:	Through UBC Science Co-op
Cover Letter Required?:	Yes
Address Cover Letter to:	Dr. Jayesh A Kulkarni
Application Documents Required:	Job Application Summary Sheet, Cover Letter on Co-op Header, Resume on Co-op Header, UBC Transcript (Do not upload your own UBC transcript)

ORGANIZATION INFORMATION	
Organization:	NanoVation Therapeutics
Address Line 1:	2405 Wesbrook Mall 4th floor
City:	Vancouver
Postal Code / Zip Code:	V6T 1Z3
Province / State:	BC
Country:	Canada

Works Cited

UBC Science - MyAccount - Science Co-Op - Job Postings.

www.scope.sciencecoop.ubc.ca/myAccount/co-op/postings.htm. Accessed 2 Apr. 2023.