**RNA-Sequencing Analysis Workshop: October 16-18, 2019**

**Workshop and Bursary Application Form**

DATE: October 16-18, 2019
LOCATION: Ottawa, Ontario

Complete all sections below and return to rcadwalader@stemcellnetwork.ca by **Wednesday August 28, 2019**.

Note: Space in this workshop is limited. All interested participants must apply to attend by completing this application form. Successful applicants will be invited to attend, and details on how to register for the workshop will be provided at that time. Please indicate the trainee network(s) you are associated with below. Trainees will automatically be considered for financial support through OIRM or SCN.

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| **APPLICANT INFORMATION** |
| Surname: | Given Names: |
| Gender?: [ ]  Woman [ ]  Man [ ]  Gender Fluid / Non-Binary |
| Identify as indigenous\*? [ ]  Yes [ ]  No  |
| Person with a disability\*\*?: [ ]  Yes [ ]  No |
| Identify as a member of a visible minority? [ ]  Yes [ ]  No  |
| Citizenship: [ ]  Canadian (including permanent resident) [ ]  International |
| Affiliations (check all that apply): [ ]  OIRM Trainee [ ]  SCN Trainee [ ]  Neither |
| Position & Year of Study:*(i.e. MSc Student, PhD Student, Post-Doc, Research Associate, Technical staff)*:  | Institution name and city: |
| Phone Number:  | Email Address: |
| Are you interested in attending the optional 3rd day to analyze you own dataset? [ ]  Yes [ ]  No If yes, please answer the additional application questions in section **G** below.  |
| **SUPERVISOR INFORMATION** |
| Surname: | Given Names: |
| Phone Number: | Email Address: |

Please include the following:

* 1. Provide an overview of your current research interest (Max. 1 page).
	2. Describe your experience with genomic, proteomic and/or other “-omics” technologies – in particular transcriptomics (max. 1/2 page).
	3. Provide specific details on how attending this workshop will advance your research project. For example describe any challenges you are having with acquiring, analyzing, and interpreting your RNA-seq data set (max. 1 page).
	4. Describe your plans for disseminating the information learned at this workshop with others in your home lab or institute (max. 1/2 page).
	5. Provide your CV.
	6. Provide a letter of support from your current supervisor (email is sufficient) detailing how your attendance at this workshop will benefit your training, and your lab.

Letters should be e-mailed directly to rcadwalader@stemcellnetwork.ca by the **Wednesday August 28, 2019** deadline.

* 1. On Day 3 of the RNA-Seq Analysis Workshop, a limited number of students will be assisted in analyzing their own data. If you wish to be considered for participation in Day 3, please provide answers to the following questions: (Max. 2 pages)
* Briefly describe your experimental design. (Max. 1/2 page)
* What is the species?
* How many samples do you have?
* Are there biological and/or technical replicates? If so, how many?
* What sequencing platform was used (e.g. Illumina)?
* In what file format is the data (e.g. FASTQ, BAM)?
* What is the read length?
* Are the reads single or paired-end?
* What question(s) are you hoping to answer with this data analysis? Do you have a specific hypothesis to test?

Please note: if you have human patient sequencing data that is not already publicly available to analyze, we need to determine whether or not we have the Personal Health Information safeguards to ensure privacy. If this is relevant to your data and you have any questions please contact us directly.

Notes

\*Indigenous; that is First Nation (North American Indian), Métis or Inuk (Inuit).

\*\*Person with a disability is a person who has long-term or recurring physical, mental, sensory, psychiatric or learning impairment and:

* Who considers themselves to be disadvantaged in employment by reason of that impairment, or
* Who believes that an employer or potential employer is likely to consider them to be disadvantaged in employment by reason of that impairment, and
* Includes persons whose functional limitations owing to their impairment may have been accommodated in their current job or workplace.