

Cancer Postdoc in Haigh Lab University of Manitoba

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Posted May 5, 2022, set to expire Sep. 4, 2022

Job Title	Cancer Postdoc in Haigh Lab
Department	Pharmacology and Therapeutics https://umanitoba.ca/medicine/departement-pharmacology-and-therapeutics/faculty-staff/jody-haigh
Institution	University of Manitoba Winnipeg,
Date Posted	May 5, 2022
Application Deadline	Jul. 31, 2022
Position Start Date	available immediately
Job Categories	Post-Doc
Academic Field(s)	Oncology & Hematology

Apply By Email

Job Description

Competitive salary will be commensurate with qualifications and experience (\$40-60K +benefits)
The Haigh Lab at the University of Manitoba located at the CancerCare Manitoba Research Institute (CCMR) is presently seeking junior and/or senior postdoctoral researchers or research associates (dependent on years of experience post PhD). Our group is interested in further investigating the role that ZEB and SNAI transcription factors play in normal hematopoiesis and leukemic transformation. As well, we are interested in the molecular determinants of hematopoietic lineage plasticity as it pertains to transdifferentiation and leukemic stem cell properties (see some representative publications below).

The incumbent will be responsible to work independently performing molecular experiments in consultation with Dr. Haigh, assisting in the development and implementation of leukemic models using CRISPR/Cas9 genomic editing studies and existing genetic leukemia models as well as writing project grants and related manuscripts.

The incumbent will be working with our current laboratory team as well as collaborating with other

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domestic and international researchers. We are looking for team players who would be able to help guide graduate students with technical aspects of their projects in the lab.

The successful candidate is expected to have a doctoral degree and have a strong background in molecular biology and/or protein biochemistry and be willing and able to apply for their own local/national and international funding after an initial 2 years of support

The following skill set would be important (but not essential) for successfully contributing to our lab's primary research efforts: Experience in working with mouse and/or human models of hematopoiesis and leukemic transformation or other cancer models; Experience using multicolour FACS and cytometric analysis of mouse/human hematopoietic system; Previous experience in performing ChIP/RNAseq experiments and/or working with large datasets generated by ChIP/RNAseq; Experience working with single cell RNAseq in blood or leukemic settings; Experience working with CRISPR/Cas9 gene editing systems and retro/lentiviral delivery of gRNA and shRNA cargoes to hematopoietic progenitors/cell lines; Strong background in molecular biology and/or protein biochemistry.

Initially this position will be a two-year CIHR funded project and salary level will be commensurate with qualifications and experience. Initial start date is negotiable, and review of applicants will begin May 1, 2022 and will continue until position is filled.

Sample Haigh Lab and collaborative publications: 1) Goossens et al., Nature Communications. 2015 6:5794.

2) Goossens et al., Blood, 2017 129 (8): 981-990.

3) Carmichael et al., Blood 2020 136 (8): 957-973.

4) Wang et al., PLOS Biology, 2021

5) Chen et al., Science, 2021 373(6562):1537-1540

Interested Candidates should send their CV and the names and contact information of three references to: Professor Jody Jonathan Haigh jody.haigh@umanitoba.ca

Professor Jody Jonathan Haigh https://umanitoba.ca/medicine/departments-pharmacology-and-therapeutics/faculty-staff/jody-haigh

EEO/AA Policy

The University of Manitoba is committed to the principles of equity, diversity & inclusion and to promoting opportunities in hiring, promotion and tenure (where applicable) for systemically marginalized groups who have been excluded from full participation at the University and the larger community including Indigenous Peoples, women, racialized persons, persons with disabilities and those who identify as 2SLGBTQIA+ (Two Spirit, lesbian, gay, bisexual, trans, questioning, intersex, asexual and other diverse sexual identities). All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

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If you require accommodation supports during the recruitment process, please contact UM.Accommodation@umanitoba.ca or 204-474-7195. Please note this contact information is for accommodation reasons only.

Equity and diversity are essential to excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. To address the Rady Faculty of Health Sciences commitment to equity, diversity and inclusion, in recognition of the underrepresentation of members of historically and currently underrepresented groups, and pursuant to the Manitoba Human Rights Commission Policy 17, preference will be given to applicants who self-identify as women, Indigenous peoples, persons with disabilities, racialized persons, as well as other historically underrepresented groups such as 2SLGBTQIA+.

Application materials, including letters of reference, will be handled in accordance with the protection of privacy provision of The Freedom of Information and Protection of Privacy Act (Manitoba). Please note that curriculum vitae may be provided to participating members of the search process.

All members of the University of Manitoba community are required to submit proof of COVID-19 vaccination. For more information, please visit the University of Manitoba COVID website (<https://umanitoba.ca/coronavirus>).

The University of Manitoba is a driving force of innovation, discovery and advancement. Our momentum is propelled by our campus community – UM faculty, staff and students whose determination and curiosity shape our world for the better. Our teaching, learning and work environment is uniquely strengthened and enriched by Indigenous perspectives. With two main campuses in Winnipeg, satellite campuses throughout Manitoba, and world-wide research, UM’s impact is global.

Discover outstanding employee benefits, experience world-class facilities and join a dynamic community that values reconciliation, sustainability, diversity, and inclusion. We are one of Manitoba’s Top Employers and one of Canada’s Best Diversity Employers. At the University of Manitoba, what inspires you can change everything.

The City of Winnipeg (www.tourismwinnipeg.com), located where the Red and Assiniboine Rivers meet, is recognized for its vibrant, multicultural community and diverse culture. The city, with a growing population of more than 766,000, is home to internationally renowned festivals, galleries and museums, the historic Exchange District and The Forks, and ever-expanding research, education, and business sectors. From the Hudson Bay waters, across the farmland fields, to the pulse of the cities and towns, The Province of Manitoba’s (www.travelmanitoba.com) people and places – its 100,000 lakes, 92 provincial parks, winding river valleys and storied prairie skies – inspire.

Contact Information

Please reference Academickeys in your cover letter when

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applying for or inquiring about this job announcement.

Contact Jody Jonathan Haigh
Pharmacology and Therapeutics
University of Manitoba
Winnipeg,
Canada

Contact E-mail jody.haigh@umanitoba.ca