**Employment Opportunity**

Position: Data Scientist

Company: Transcriptome Sciences Inc.

Position type: FT (37.5 hrs/week)

Location: Heritage Medical Research Centre, University of Alberta main campus

Description: Transcriptome Sciences Inc. is seeking a qualified individual for the position of Data Scientist. The candidate will have strong “R” programming skills, a background in clinical data/statistical analysis, a good publication record, and experience with machine learning methods. Ability to describe and document complex ideas to technical and non-technical personnel. The successful candidate will have the opportunity to work with a world-class research team dedicated to improving patient outcomes through molecular analysis.

Responsibilities: Programming, data/statistical analysis, machine learning

Preparing high quality graphics

Writing and debugging patient reporting software

Testing new software packages

Manuscript preparation

Managing 1-2 data personnel

Qualifications: PhD or MSc in Biostatistics, Bioinformatics, or a related field

Excellent “R” programming skills and general computer literacy

Ability to build and critically evaluate machine learning methods

Ability to work in high pressure environment and on multiple projects

Good communication skills – written and oral

Organized and responsible

Self-motivated and able to work with limited supervision

Strong attention to detail

Contact: Please submit your CV, **including 3 references** and cover letter, to:

Robert Polakowski

Business & Operations Manager

Transcriptome Sciences Inc.

Room 250 Heritage Medical Research Centre

112 Street and 87 Avenue

Edmonton, AB  T6G 2S2

tel.: [780-240-9303](tel:780-240-9303)

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Company description:

Transcriptome Sciences Inc. (TSI) is the commercial spin-off from the Alberta Transplant Applied Genomics Centre (ATAGC) at the University of Alberta in Edmonton, Canada. Together TSI and ATAGC, led by Dr. Philip Halloran, a clinician scientist, are dedicated to developing a new understanding of disease mechanisms through the molecular analysis of organ biopsies.  The result is an extensive and growing database consisting of clinical, pathology, and gene expression findings from healthy and diseased organ biopsies supplemented with patient outcomes. The commercial applcation of this work is the Molecular Microscope™ Diagnostic System (MMDx™) now being offered for kidney and heart transplant recipients in North America and Europe (MMDx for lung and liver recipients are currently being evaluated in transplant centers across the globe).