

**Research Technician: Statistical and Bioinformatics Approaches to Human Epigenetics, Centre of Molecular Medicine and Therapeutics, Department of Medical Genetics, University of British Columbia (UBC).**

The Kobor Lab is seeking a highly motivated Research Technician. The successful applicant will perform statistical analyses of high-throughput epigenomics and genotyping data to facilitate the interpretation of associations between molecular data with environment, stress and disease. The position will provide opportunities to lead projects toward publication and attend national and international conferences.

The lab's research comprises wet lab and bioinformatics approaches to understanding epigenetics, from molecular analysis in model organisms to population-scale studies of human epigenetic variation. The successful applicant will take part in multiple collaborations with local, national, and international groups on diverse projects related to children's mental and physical health.

**Primary Responsibilities:**

- Perform epigenome wide association studies between DNA methylation and variables such as early life social status, environmental exposures and disease
- Integrate DNA methylation and genotyping array data
- Maintain and continually improve data analysis pipelines for DNA methylation and genotyping array data
- Coordinate and communicate project goals with internal and external collaborators
- Provide supervision and mentorship to computational biology trainees

**Qualifications:**

- MSc or equivalent in a related discipline (genetics, computational biology, bioinformatics, biostatistics)
- Proficiency in a programming language and scientific data processing (e.g. R, R-studio or Python)
- Experience with cluster computing and working in a Unix environment would be an asset
- Experience working in academic research would be an asset
- Excellent teamwork and communication skills

UBC has a strong and collaborative research community and is situated in the beautiful city of Vancouver, where many outdoor recreational opportunities are available.

Please send a CV and cover letter to Dr. Kobor: [msk@bcchr.ca](mailto:msk@bcchr.ca)