

Postdoctoral Scholar: Human Social and Population Epigenetics - Centre of Molecular Medicine and Therapeutics, Department of Medical Genetics, University of British Columbia (UBC).

The Kobor Lab is seeking a highly motivated and ambitious recent PhD graduate to work on various projects related to understanding the causes and consequences of variation in epigenetic marks across human populations. This is an ideal position for applicants who wish to develop the skills required to launch an independent research programme.

The successful applicant will have opportunities to develop their own research directions while also leading and contributing to a number of existing funded projects. These include population cohort studies that focus on the genomic embedding of early-life experiences in relationship to development and health across the lifespan. This work involves the acquisition of high-dimension datasets for genotyping, DNA methylation and mRNA expression and their integrative analysis with phenotype and environmental exposures.

The ideal applicant will possess a curiosity and passion for science and a talent for independent research, which should be supported by a strong publication record with at least two first author publications in respected journals. Extensive knowledge of statistical genomics and/or epigenetics / gene regulation is required, and experience with bioinformatics is preferred.

The Kobor Lab provides an outstanding supportive training environment with a strong track record of trainee career advancement:

Collaborative and interdisciplinary approach: 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 be actively involved in multiple collaborations with local, national, and international groups on diverse projects related to children's mental and physical health, and will work with academics, clinical and community practitioners, and other professionals from multiple fields.

Skills development: the Postdoctoral Scholar will have opportunities to contribute to large-scale grant proposal development; mentor junior lab members; take part in lab exchanges with collaborating research groups; travel to present their work at national and international conferences; take part in knowledge translation and outreach activities; and undertake additional training opportunities as appropriate.

While this position is grant-funded, the successful applicant will be expected to apply for his or her own external funding.

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