



A **Postdoctoral Associate** position is available immediately at the Arthur Riggs Diabetes and Metabolism Research Institute (ARDMRI) at City of Hope National Medical Center.

The position involves collaborative research with multiple faculty members at ARDMRI on projects involving genomics data analysis using single cell RNA-seq, CHIP-seq/ATAC-seq, spatial transcriptomics, HiC/HiCHIP, RIBO-seq and next generation long reads sequencing from Oxford Nanopore. The prospective candidate will participate in the development of new computational methods for downstream analysis of genomics data and multiomics integration.

Our mission is to advance the next generation of in-silico algorithms for understanding diabetes and related disease mechanisms and identifying actionable therapeutic targets.

Necessary credentials:

- Ph.D. in Bioinformatics or related discipline
- Hands on experience in genomics data analysis, including bulk and single cell RNA-seq, ATAC-seq and CHIP-seq.
- Expertise in downstream analysis and biological interpretation of bioinformatic findings
- Proficiency in R/Python programming, developing analysis pipelines and experience in working with Linux HPCs

Extra credentials:

- Experience in applying machine learning methods to genomics data analysis
- Experience in navigating public databases and genomics data repositories
- Prior experience and knowledge in diabetes and metabolic disease research would be considered a plus.

Interested candidates should apply by emailing their CV and a cover letter describing background and research interests to the following address:

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